Administration Report
of the
Municipal Commissioner
for the
City of Bombay
For the year, 1943-44

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ADMINISTRATION REPORT

OF THE

MUNICIPAL COMMISSIONER

FOR THE

CITY OF BOMBAY

FOR THE YEAR 1943-44.

BOMBAY:
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REVIEW OF THE STANDING COMMITTEE OF THE ADMINISTRATION REPORT OF THE MUNICIPAL COMMISSIONER FOR THE CITY OF BOMBAY FOR THE YEAR 1943-44.

Introductory.

The Municipal Commissioner's Administration Report for the year 1943-44 sets out in detail as usual the various spheres of Municipal activities and the achievements therein during the year. During the year under review, the war situation took a definitely favourable turn for the Allies and the anxiety that prevailed in the previous year was completely allayed as far as the City was concerned. The general business conditions and trade relations did not show any improvement, but the foreign trade showed a rise due to improvement in the war situation. Owing to difficulty of foreign imports of various articles required for trade and consumption purposes and the progressive use of India as the main operational base against Japan, the country's economic and productive activities received a good encouragement resulting in increased production, employment and earnings. As a result of prompt action taken by Government to check profiteering in various articles of daily household and trade use, the meteoric rise in the price level marked in the previous year was arrested and with the regulation of distribution of essential goods through Government agency, prices began to stabilise and people could get articles of their daily requirements with less difficulty than before. The Indian textile industry of which this City is a prominent centre continued to prosper during the year. The increase in industrial activities and upward trend in prices benefited Municipal finances to some extent.

Corporation.

2. Dr. M. D. D. Gilder, M.D. (Lond.), F.R.C.S. (Eng.), M.L.A., was elected Mayor for the year 1943-44. The office of the Mayor, however, fell vacant from 14th October 1943, as Dr. Gilder, ceased to be a Councillor from that date owing to his absence from the Meetings of the Corporation for 12 successive months. In his place, Mr. M. R. Masani, B.A. (Bom.) LL.B. (Lond), was elected Mayor on 11th November 1943 for the remaining period of the year. The changes that took place in the personnel of the Corporation during the year are given in paragraph 3 of the Municipal Commissioner's Administration Report.

The Hon'ble Raja Bahadur Govindlal Shivlal Motilal was the Chairman of the Standing Committee, Mr. Jamnadas Dwarkadas, B.A., Chairman of the Improvements Committee and Dr. Homi F. Pavri, M.C.P.S., M.B., B.S., Chairman of the Schools Committee, during the year.

The personnel constituting these bodies at the end of the year is set forth in paragraph 10 of the report

Commissioner.

3. Mr. M. D. Bhat, I.C.S., continued to hold the office of the Municipal Commissioner for the year.

Financial.

4. There was no variation in the rates of taxation levied by the Corporation as compared with those levied in the preceding year.

Variations in Income.

5. The year commenced with a balance of Rs. 45.86 lacs on hand which was an improvement by Rs. 11.75 lacs over that of the previous year. The Budgeted Income was Rs. 3,79.68 lacs while the actual realisations came to Rs. 4,03.99 lacs showing an excess of Rs. 24.31 lacs over the Budgeted figure and of Rs. 14.97 lacs over the actual Income for the previous year 1942-43. On the expenditure side against the Budgeted Expenditure of Rs. 3,88.31 lacs, the actual amount spent was Rs. 3,90.96 lacs. This was in excess by Rs. 26.31 lacs over the actuals for the last year which amounted to Rs. 3,64.65 lacs. These variations in the Budget Estimates converted the Budgeted deficit of Rs. 8.64 lacs into a surplus of Rs. 13.02 lacs against the surplus of Rs. 24.36 lacs of the preceding year. As a result of these variations, and the recoupment of Advances in the course of the year under report to the tune of Rs. 5.12 lacs, the anticipated closing balance of Rs. 13.53 lacs rose to a very decent amount of Rs. 64.01 lacs at the end of the year.

It may be interesting to note that the Revenue Account Balance Sheet as at 31st March 1944 shows an improvement to the tune of Rs. 19.06 lacs in the Surplus Revenue Fund over the previous year. The respective figures for the year under report and for the preceding year were Rs. 97.31 lacs and Rs. 78.25 lacs.

The principal increases in Income over the Budget estimates were under (1) General Tax by Rs. 11.21 lacs due to increased realisation of (*a*) Rs. 8.86 lacs from the Public—partly due to clearing up of old outstanding bills and partly due to largely reduced vacancies resulting in saving of refunds and draw-backs and (*b*) Rs. 2.61 lacs from Mills due to revision of rateable values; (2) Town Duties by Rs. 4.68 lacs largely due to less amount of refunds paid during the year; (3) Interest and Profit on Investments Rs. 1.15 lacs due to larger balances available for investment and realisation of better rate of interest than anticipated at the beginning of the year; (4) Water Tax, etc., by Rs. 3.67 lacs due largely to increase of (*i*) Rs. 1.82 lacs on rateable value and (*ii*) Rs. 1.43 lacs for water supplied by meter measurement; (5) Wheel Tax by Rs. 3.22 lacs due to more receipts than anticipated under Private Conveyances and on account of taxing hand-carts, bullock-carts, etc.; and (6) Markets and Slaughter Houses by Rs. 3.57 lacs which include Rs. 1.22 lacs received as increased slaughter fees.

There was a decrease of Rs. 0.72 lac under Ground Rent under Roads, Drains and Sewers mainly due to non-realisation of way-leave rental from the Bombay Telephone Co., now taken over by the Government of India.

As the final accounts showed a surplus balance, transfer of an amount of Rs. 9.50 lacs from the Land Sales Reserve Fund to Revenue was not necessary. However, an amount of Rs. 3.09 lacs was credited from this Fund to Revenue to make good the deficit in the amount of sale proceeds of land as the sale proceeds of surplus land amounted to Rs. 6.91 lacs against Rs. 10 lacs to be credited to Revenue from this source every year. The balance in this Fund on 31st March 1944 stood at Rs. 24.15 lacs against Rs. 26.43 lacs at the end of the previous year.

Variations in Expenditure.

6. The actual expenditure for the year increased by Rs. 2.65 lacs as compared with the Budgeted expenditure. The final sanctioned grants for the year aggregated to Rs. 4,25.85 lacs against Rs. 4,19.23 lacs and Rs. 3,81.5 lacs in the previous two years. As the actuals for the year amounted to Rs. 3,90.96 lacs, there was an unexpended balance of Rs. 34.88 lacs at the close of the year of which Rs. 10.77 lacs were renewed for expenditure in 1944-45 and the balance of Rs. 24.11 lacs was treated as savings on final grants. Transfers from one Budget head to another during the year without disturbing the total Budget provisions amounted to Rs. 9.44 lacs against Rs. 5.68 lacs in the previous year.

The principal items which accounted for decreases in expenditure were:—

(1) Election Expenses Rs. 0.58 lac; (2) Water Works Rs. 1.04 lacs; (3) Education (Primary) Rs. 1.08 lacs; (4) Public Health Department Rs. 0.34 lac; (5) Medical Relief and Education Rs. 1.11 lacs; (6) Street Cleansing, etc., Rs. 1.66 lacs; (7) Roads, Drains and Sewers Rs. 2.67 lacs; (8) Fire Brigade Rs. 0.48 lac; and (9) Measures for Civil Defence Rs. 6.15 lacs.

The opening balance on 1st April 1943 on account of Loan Funds including the advance from Special Funds for the purchase of Plant and Machinery and for Renewal of Surfaces of Roads for which no Renewal Fund exists but excluding the Trust Funds improved to Rs. 17.30 lacs against Rs. 11.42 lacs in the previous year. Adding to this Rs. 11 lacs raised during the year, the total funds available for expenditure, were Rs. 28.30 lacs. The total expenditure incurred during the year amounted to Rs. 19.03 lacs leaving an unspent balance of Rs. 9.27 lacs at the close of the year. This balance on hand in Loan Funds is due to the fact that against the revised estimates of expenditure of Rs. 38.53 lacs, the actual expenditure incurred was only Rs. 19.13 lacs, *i.e.*, 50 per cent. below the revised estimate. This disparity has been commented upon by the Standing Committee annually and yet it continues to exist.

Loan Funds.

7. The total of Municipal Outstanding Debt on 1st April 1943 was Rs. 14,60.72 lacs, to which was added an amount of Rs. 11 lacs raised during the year. The repayment during the year amounted to Rs. 64.85 lacs, leaving an outstanding debt on 31st March 1944, of Rs. 14,06.87 lacs. Of the new loan of Rs. 11 lacs, Rs. 10 lacs were on account of the loan for 1943-44, and Rs. 0.74 lac represented advance from the Net Premia Fund for purchase of Plant and Machinery and a further advance of Rs. 0.26 lac from the same Fund for the Renewal of Road Surfaces.

Sinking Funds.

8. The book value of the Sinking Funds at the end of the year came to Rs. 3,32.84 lacs. Valuing the Municipal and Improvement Trust Debentures at par and adding the amount of interest accrued upto 31st March 1943, the total amount of Sinking Fund stood at Rs. 3,59.56 lacs which more than covered the amount, *viz.*, Rs. 3,38.10 lacs, to which the Fund should have accumulated upto 31st March 1944. Thus there is an excess of Rs. 21.46 lacs in the account.

This excess accumulation is at present allowed to remain in the Sinking Fund Account pending legislation by Government for amending the Municipal Act so as to enable the Corporation to utilise the excess for general Municipal purposes.

Grain Shops.

9. Total excess receipts over expenditure on the grain shops amounting to Rs. 0.17 lac was credited to the Fines Fund from which an advance of Rs. 1 lac was originally taken to finance expenditure on those shops.

Improvement Schemes General Account.

10. The total income for the year, *viz.*, Rs. 95.45 lacs, in this account showed an increase of Rs. 8.17 lacs over the last year's income of Rs. 87.28 lacs. The principal increases were in the (1) Land Revenue Realisation of Rs. 0.63 lac, (2) Contribution from the Corporation of Rs. 1.58 lacs and (3) Tobacco Duty Receipts of Rs. 5.87 lacs.

The expenditure for the year amounted to Rs. 97.95 lacs against Rs. 1,03.48 lacs in the previous year, showing a decrease of Rs. 5.53 lacs over the last year's expenditure. The net deficit for the year in the General Account amounted to Rs. 2.49 lacs and was met from the Capital Account.

Loan Account.

The ex-Trust loan liabilities at the beginning of the year stood at Rs. 16,17.88 lacs against Rs. 16,32.79 lacs in the beginning of the previous year. No loan was raised during the year. However, an amount of Rs. 5.08 lacs was repaid to Government. Thus the loan liabilities at the close of the year stood at Rs. 16,12.80 lacs.

Capital Account.

The year began with a balance of Rs. 83.42 lacs. To this were added receipts on account of sale proceeds of lands and buildings which amounted to Rs. 42.12 lacs against Rs. 27.98 lacs in the preceding year. From this amount available, the expenditure incurred on works amounting to Rs. 4.97 lacs and the deficit in the General Account of Rs. 2.49 lacs were met. The unspent balance at the close of the year thus stood at Rs. 1,18.08 lacs.

The Sinking Fund Investments at the close of the year were valued at Rs. 3,34.79 lacs against Rs. 2,86.96 lacs to which the Fund should have accumulated. Thus there was an excess of Rs. 47.82 lacs.

The actual expenditure incurred during the year on Schemes amounted to Rs. 4.97 lacs and the total on all Schemes upto the end of the year amounted to Rs. 18,96.18 lacs of which Rs. 14.66 lacs represent discount and other charges on loans.

Taxation, Demand, Collection and Outstanding.

11. The rates of taxation remained the same as in the previous year, but the rates charged for water supply by meter measurement varied from As. 10 to Re. 1 per 1,000 gallons according to different classes of properties.

The number of properties brought on the Assessment Register during the year increased by only 49 being 49,016 on 31st March 1944 against 48,967 on 31st March 1943 and 48,664 on 31st March 1942. Of these, 39,549 were assessed to General Tax, while 1,608 were exempted from it and 6,776 (including 3,378 Municipal plots) were not taxed, being small plots of waste lands, etc. The number of single room and double room tenements during the year of report increased to 2,47,258 and 49,632 from 2,39,069 and 45,614, respectively, in the previous year. The number of flats or blocks, however, showed a decline being 38,674 against 43,477 in the preceding year.

The rateable value of all properties on 31st March 1944 was Rs. 15,93,54,514 against Rs. 14,63,63,848 and Rs. 14,27,65,826 at the end of the preceding two years. This gives an increase of Rs. 1,29,90,666 over the previous year and of Rs. 1,65,88,688 over the year 1941-42.

The total number of vehicles and animals taxed during the year excluding those taxed under the Public Conveyances Act was 23,931 against 15,947 and 15,999 in the preceding two years, respectively. This tremendous increase is due to the fact that over 6,000 new hand carts have been licensed and taxed during the year.

During the year 86,485 and 87,087 bills, respectively, for Property and Wheel Taxes were issued for a gross demand of Rs. 3,57.84 lacs and Rs. 17.78 lacs. The amounts collected during the year against these demands were Rs. 3,15.33 lacs and Rs. 13.76 lacs, giving a total collection of Rs. 3.29 crores. This gives a percentage of 92.1 as compared with the net total demand of Rs. 3,57.45 lacs. The total outstanding at the end of the year stood at Rs. 28.35 lacs giving a percentage of 7.9 over the total net demand against 11.3 and 12.2 in the previous two years, respectively. The total outstanding of Rs. 28.35 lacs was reduced to Rs. 16.89 lacs on 16th June 1944. Of this total outstanding, the amount outstanding against private ratepayers within the control of the staff was only Rs. 7.78 lacs against a demand of Rs. 2.58 lacs made against them, which comes to only 3.02 per cent.

The total amount of exemption allowed amounted to Rs. 11.30 lacs against Rs. 9.98 lacs and Rs. 9.92 lacs granted in the two preceding years, respectively.

6,938 and 4,448 claims, respectively, for drawback and refunds were received, of which 2,616 and 3,006, respectively, were admitted which in terms of currency came to Rs. 1.68 lacs and Rs. 4 lacs, respectively, against

Rs. 3.45 lacs and Rs. 1.97 lacs of the preceding year. The rateable values of textile and other mills in the City were revised and increased during the year from Rs. 61.47 lacs to Rs. 90.85 lacs. showing an increase of 47.8 per cent. Similarly, revision of owner occupied properties gave a rise of about 46 per cent.

As a result of arrangement arrived at with the R.W.I.T. Club for recovery of tax on Race-horses, 850 Race-horses came to be charged during the year against about 650 previously charged, yielding an extra revenue of about Rs. 2,700.

The Urban Immovable Property Tax.

12. The rates of the Urban Immovable Property Tax continued to be the same as in the previous year *viz.*, at $7\frac{2}{3}$ per cent. and 3_{8} per cent. respectively, for properties having rateable values of Rs. 2,001 and above and between Rs. 500 and Rs. 2,000. The gross collections of the Tax came to Rs. 93.21 lacs against Rs. 83.90 lacs and Rs. 87.57 lacs in the previous two years, respectively, and worked out at 92.4 per cent of the demand against 92.3 and 92.6 per cent. in the preceding two years, respectively.

Town Duty.

13. The gross collection of Town Duties and refunds for the year of report amounted to Rs. 20.74 lacs and Rs. 3.84 lacs against Rs. 24.03 lacs and Rs. 8.56 lacs of the preceding year, respectively, giving a net revenue of Rs. 16.90 lacs against Rs. 15.46 lacs of the previous year. It is significant to note that though the amount of the gross collections for the year was short by Rs. 3.29 lacs over that of the previous year, the net revenue showed an increase of Rs. 1.44 lacs over the last year. The number of claims for refund during the year was 5,880 against 14,394 and 41,267 claims in the previous two years. Recoveries of fees for stamping sugar packages and sealing ghee tins to identify them upon re-export amounted to Rs. 25,872 against Rs. 48,708 during the past year. The departmental collection of Town Duties on goods coming into the City along the three Causeways, *viz.*, Sion, Mahim and Chembur, realised Rs. 1.87 lacs against Rs. 1.26 lacs in the previous year. Hitherto Town Duty on Timber was recovered on the values declared by the importers which were often very low. This practice has now been changed and Town Duty on this article is now recovered on the basis of a Table showing prices of different kinds of Timber by sizes.

Election.

14. The Election Roll was revised and published in time in pursuance of Sections 19 and 20 of the Municipal Act, 3,08,467 voters were enrolled in 19 Wards against 2,76,960 in the previous year. In the Registered Trade Union Constituency only 3 Unions constituted the Electoral College with 75 names of delegates against 8 and 87, respectively, in the previous year. During the year in the General Ward Electorates there were 18 casual vacancies and one in the Indian Merchants' Chamber. These vacancies were filled up by the re-election of 17 old Councillors, who had vacated their office due to continuous absence from meetings of the Corporation exceeding the maximum period permitted under the Municipal Act. The remaining two vacancies were filled up by new Councillors.

The preliminary work for preparing the Municipal Election Roll on Adult Franchise basis early in January 1945 was undertaken, but in the meantime the Provincial Government further extended the term of the Councillors by two years more, *i.e.*, upto 31st March 1947, as they considered Adult Franchise as a far-reaching innovation to be tried when conditions became normal.

Architectural.

15. Owing to construction of public conveniences, gymnasiums, etc., during the year, there was an increase by 76 over the number (2,195 of the last year) of Municipal and *ex*-Trust properties maintained by the Architectural Branch, *i.e.*, during the year 2,271 properties were maintained by the Department. 15 buildings found to be in an unsound condition and required to be pulled down for development schemes were sold for Rs. 0.09 lac. In addition to carrying out the normal work, several urgent works were executed at a total cost of Rs. 3.18 lacs. Against the Budget provision of Rs. 15.26 lacs for this Branch, the actual expenditure amounted to Rs. 8.12 lacs which works out to 53.2 per cent. of the total Budget Grant. Owing to difficulty of obtaining building materials, the repair works as well as new works programme had to be deferred. An emergent work of providing two semi-permanent wards in the Arthur Road Hospital was carried out at the end of the year at an estimated cost of Rs. ·60 lac. Owing to improvement in the war situation, no major structural civil defence works were carried out during the year. 69 plans and 52 estimates amounting to Rs. 21.94 lacs were prepared by the Design and Drawing Section for Loan Works.

Private buildings.

16. Owing to restriction on construction of new structures, the total number of applications received for erection of new buildings during the year was 1,581 as against 1,650 in the preceding year. The amount paid as set-back compensation also showed a decline, it being Rs. 3.16 lacs as against Rs. 3.24 lacs in the preceding year. The area added to the roads by acquiring set-backs was 6,477.76 square yards at a cost of Rs. 1.01 lacs. During the year 45 buildings or portions thereof collapsed resulting in injury to 10 persons and one killed. The gross income, expenditure and net income derived during the year on account of temporary projections, such as, stall-boards, weather-frames and awnings, came to Rs. 1.45 lacs, Rs. .33 lac and Rs. 1.12 lacs, respectively. This shows a nett improvement of about Rs. .04 lac over the last year's figure. There was a marked reduction in the construction of one-room, two-room and larger tenements during the year, the number being 159, 83 and 106 as against 780, 555 and 614, respectively, during the last year. This shows the result of restrictions imposed by Government on building work. Against 159 new one-room tenements constructed, 253 similar tenements were demolished during the year. The City Engineer was authorized to issue Authorization Certificates to private house-owners for obtaining cement for urgent and essential repair works to their properties. 2,419 such applications were received and Authorizations aggregating to 3,474 tons and 8 cwts. of cement were issued after scrutiny of the applications.

Drainage and Sewerage.

17. The total volume of sewage received at the Dadar Purification Works amounted to 4,558.11 million gallons which gave an average of 11-12 million gallons per day against 6 million gallons per day capacity of the plant. The total gas generated was 2,23,41,800 C.ft. *i.e.*, about 61,210 C.ft. per day. A part of this gas was consumed at the K. E. M. Hospital and its staff quarters, the Seth G. S. M. College, the Lady Students' Hostel, the Dadar Purification Works Staff quarters, the Turner Sanatorium and the Ramesh Premchand Tuberculosis Hospital which is now used as Royal Indian Navy Hospital. The total volume of gas so consumed was 87,35,000 C.ft. exceeding the last year's consumption by 21,98,100 C.ft. The excess gas continued to be burnt to waste at an average rate of 38,120 C.ft. per day which in terms of currency was equivalent to Rs. 114 per day at Rs. 3 per 1,000 C.ft. One lorry equipped to run on such gas gave satisfactory results. It travelled 10,461 miles during the year and consumed 2,16,500 C.ft. of gas. Calculated to run at six miles per gallon of petrol, this lorry saved 1,744 gallons of petrol, *i.e.*, at the rate of Rs. 1-13-0 per gallon, the gross saving was Rs. 3,161. The lorry ran 67 miles for one filling of gas amounting to 1,400 C.ft. compressed to 3,000 lbs. per square inch. It is reported that in the following year, six additional lorries will be fitted to run on such gas.

18. The total mileage of roads in the City, at the close of the year was approximately 263.57 miles.

Roads, etc. The surfaces of many of the capital roads have become due for renewal, but the expedition with which such renewals will be done will depend on the availability of essential materials. During the year, two refuge islands to the northern ends of the City, namely, Sion Causeway and Mahim Causeway, were constructed at the cost of Government amounting to Rs. 2,264. Besides, four pedestrians guard railings were constructed at Government cost and the expenditure incurred amounted to Rs. 9,891. During the year, approximately 542 roadside trees were planted of which 192 were planted on roads where no trees existed before. The total expenditure incurred on the maintenance of roadside trees amounted to Rs. 7,507-10-0.

19. The expenditure incurred on the departmental and private works carried out in the Workshops

Municipal Workshops. amounted to Rs. 2.27 lacs against 2.32 lacs in the preceding year. The upkeep and overhead charges amounted to Rs. .76 lac which works out to 33.6 per cent. on labour and stores used in the execution of the works as against 28 per cent. of the preceding year. This increase in the percentage of overhead charges which by the way was 25 per cent. for the year 1941-42, requires to be explained.

20. During the year, no additions were made to the existing length, namely, 26.70 miles of double tram-

Tramways. tracks in the City. But the single tramtrack length was increased from 2.27 miles to 2.42 miles. During the year, the Tramways Company maintained 301 cars with a total carrying capacity of 24,466 passengers as against 274 cars with the capacity of 22,406 passengers in the previous year.

21. It is reported that the inventory of Municipal properties excluding *ex*-Trust properties inside and

Inventory of Municipal Properties. outside the City has been completed. It is hoped that after the statements are duly verified, a report in the matter will be submitted to the Corporation.

22. This department is primarily concerned with the management of the very large areas developed

Estates and Land Management. and undeveloped which passed into Municipal hands as a result of the amalgamation of the ex-City Improvement Trust with the Bombay Municipality. But in addition to the work of the management of the Trust lands, etc., it is also expected to continue the execution, wherever possible, of the schemes initiated by the Trust, of the various development schemes undertaken in the past by the Municipality, and also to initiate schemes of development for the future. As a matter of fact the present disturbed conditions are responsible for the stoppage of the improvement plans in many respects. As soon as normal conditions are in sight this Department will have to get very active and put forth and push forth extensive schemes of housing and slum clearance.

124 plots with a total area of 40 acres and valued at Rs. 36.28 lacs were let during the year while the corresponding figures for the previous year were 214 plots, 61 acres and Rs. 46.77 lacs. Of the 124 plots let, 61 were leased on rental basis giving a total annual rent of Rs. 1.03 lac and 63 plots were leased on premium basis with a capital value of Rs. 17.84 lacs. The total area and capital value of 61 plots given on lease basis came to 80,053 square yards and Rs. 18.47 lacs, while the area of plots leased on premium basis was 1,11,720 square yards. No plot was resumed during the year. The total number of plots disposed of upto the end of the year of report was 3,608, having an area of 994 acres, valued at Rs. 9,38.71 lacs and giving an annual rent of Rs. 38.83 lacs.

Though the number, area, capital value and rent of the plots disposed of during the year show a considerable decrease over the previous year, the rate per square yard realised was higher, despite Government restrictions on construction of buildings and on building materials.

At the end of the year, the Department had under its control 633 acquired buildings with 5,422 tenements of which 4,025 and 709 were one-room and two-room tenements, respectively. During the year 10 buildings were demolished and 4 were sold.

The total rent from acquired or surrendered buildings amounted to Rs. 7.49 lacs against Rs. 6.62 lacs in the previous year while the total temporary revenue realised during the year came to Rs. 10.69 lacs against Rs. 9.60 lacs and Rs. 9.23 lacs, respectively, in the preceding two years. This increase is attributed to large areas temporarily let to Government for Military purposes.

Of old Municipal land 3 plots admeasuring 6,334 square yards having a capital value of Rs. 1.86 lacs were leased on rental basis and one plot with an area of 576 square yards was sold outright for Rs. 1.74 lacs.

There were very few vacancies in the Municipal chawls during the year under report. Since the commencement of the *ex*-C.I. Trust, the total number of tenements provided up-to-date in all the Trust Estates by various agencies amounts to 69,452 against 38,415 tenements demolished showing an excess of 31,037 new tenements over demolished ones.

There was no change in the letting value of different chawls. The full letting value of chawls on 31st March 1943 was Rs. 9.62 lacs against which the total out-goings came to 52.01 per cent. of which 0.13 per cent. was due to vacancies.

The average population in the Chawls during the year of report increased to 45,168 from 32,829; 33,259 and 38,322 in 1940-41, 1941-42 and 1942-43, respectively. The corresponding figures for the four years for S. P. Sheds (excluding Labour Camps) were 6,113; 4,457; 4,365 and 5,816, respectively. The death rate in the *ex*-Trust Chawls was 5.8 per 1,000 against 5 and 8.1 in the previous two years, respectively.

23. During the year of report, in all 41,820 million gallons, *i.e.*, on an average 114.26 million gallons per

Water Supply. day, of water was supplied to the City and the suburbs against 36,055 million gallons or a daily average of 98.78 million gallons in the preceding year. This gives an increase of 15.48 million gallons per day. In the year 1941-42, the corresponding figures were 37,128 and 101.72 million gallons, respectively. Of the daily average supply, 109.79 million gallons and 4.47 million gallons were given to the City and the suburbs, respectively. The average supply per head per day for all purposes in the City works out at 73.69 gallons against 63.94 gallons in the previous year, taking the population at approximately 15 lacs as per Census Report of 1941. Actually, the daily quota per head must have been much less than the figure given in the Report when we know that the City's population had increased considerably and that water was also supplied in large quantity to military personnel. The minimum and the maximum supply per day amounted to 98.90 and 124.10 million gallons, respectively. The bulk of the supply, *viz.*, 93.85 million gallons per day, was conveyed by the two 72" mains which take off from the outlet well at Tansa. While about 16.92 million gallons per day were supplied from the Vehar Lake to the whole of F Ward. The

subjoined Table gives comparison of the daily and the annual draw off in million gallons through the lakes by different mains for three years.

	1941-42.		1942-43.		1943-44.	
	Daily.	Per year.	Daily.	Per year.	Daily.	Per year.
Two 72" mains ...	78.6	28,702	85.68	31,276	79.25	29,005
48" Vehar main ...	14.94	5,452	11.56	1,896	16.92	6,193
24" Tulsi main ...	1.166	319	3.13	961	3.49	1,227
The Duct ...	7.02	2,655	5.26	1,922	14.60	5,345

Of the total metered supply of 7,617.13 million gallons, against 7,803.7 million gallons in the previous year, the Mills (number of premises 75) consumed the maximum quantity, *viz.*, 1,755 million gallons, while Flour Mills (number of premises 8) consumed the minimum qunatity in this group, *viz.*, 6 million gallons During the year, revenue derived from metered supply was about Rs. 58.84 lacs showing a net increase o. Rs. 6.89 lacs over that of the previous year, which was partly due to rigid inspection of meters and partly to increased demand from industries. Owing to the difficulty of getting new meters and spare parts for repairs, several cases which should have got metered supply were charged on the discharging capacity of the mains serving them or on an agreed *pro rata* basis.

The total quantity of water supplied for domestic use was 27,574.41 million gallons against 22,068.6 million gallons in the previous year, *i.e.*, 65.87 per cent. of the total quantity supplied to the City and the suburbs against 61.20 per cent. in the previous year. The total quantity of water wasted through leakage and other estimated losses through Municipal mains was 4,158 million gallons, *i.e.*, 9.95 per cent. of the total supply. The total loss of water due to evaporation during the dry months of the year from Tansa, Vehar and Tulsi came to 4,627.14 million gallons.

Of the total supply, 18.25 per cent. was metered supply and the balance, *viz.*, 81.75 per cent. was unmetered supply.

In order to ensure a high standard of purity of the supply as laid down by the Ministry of Health in England, water from the three lakes is sterlized by Chloramine treatment. The total expenditure on purification of the supply was Rs. 1.72 lacs against 1.60 lacs and Rs. 1.39 lacs in the preceding two years, respectively, giving a cost for treatment of 1 million gallons at Rs. 4-4-7 against Rs. 4-5-5 and Rs. 3-8-3 in the preceding two years.

No part of the supply was filtered during the year, but as a result of correspondence carried on with Government, it was decided to put the Tulsi Filters into commission at an estimated cost of Rs. 34,570 of which three-fourths would be borne by Government and one-fourth by the Corporation. The recurring cost will also be borne in the same proportion.

78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs combined, 60 stand pipes, 2 dipping wells were maintained by the Corporation during the year for gratuitous supply of water to the general public. Out of 18 Municipal wells, water from 3 wells was allowed to be used, and as a result of improvement in the war situation 16 Municipal wells were hermetically sealed with cement.

In 165 cases sanction of the Standing Committee was obtained for severing water connections for non-payment of taxes, etc., but in 34 cases only the supply was closed. It was subsequently restored on compliance with the requirements.

The total number of water connections in the City was 51,399 showing a net increase of 177 over the last year's number of 51,222.

The special staff sanctioned in the previous year to attend to complaints of chokes in service pipes was continued during the year. About 1,509 connections were cleaned at a cost of Rs. 5,050. Consumers' pipes and fittings beyond the stop tap in the Dadar-Matunga area were also cleansed from the middle of September 1943 and during the remaining period of the year 683 connections were cleaned at a cost of Rs. 6,156.

From Loan Funds a total expenditure of Rs. 8.03 lacs was incurred during the year. Among the important works carried out during the year were (*i*) completion of the work of providing a new 200 feet span at the Kasheli Bridge No. 2, (*ii*) provision of concrete blocks under the steel mains outside the City, (*iii*) examination of the submerged portions of the Kasheli Bridge and (*iv*) treating with gunite a further portion of about 23,000 square feet of the Tansa Dam.

Measures for Civil Defence.

24. The total expenditure incurred by the Corporation on works and staff for Civil Defence Works relating to the Water Works Branch during the year was Rs. 4.87 lacs against Rs. 9.94 lacs in the previous year. The Corporation's share of the expenditure for the year came to Rs. 2.39 lacs.

Fire Brigade.

25. Besides maintaining regular Municipal Fire Brigade Stations as in the previous year, the Officer Commanding, Fire Services, continued to be in charge of the Auxiliary Fire Service. Owing to improved war situation, the staff of the A.F.S. was gradually reduced in the year of report from 1,266 to 262. Besides, 324 Officers and other ranks with 24 trailer pumps and 12 towing vehicles were maintained at the expense of the Bombay Port Trust. The ground floor of the new Fire Brigade Station at Memonwada having been completed, the equipment, etc., from the Old Bhuleshwar Fire Station was transferred there. The total number of calls received by the Fire Brigade during the year showed an increase of 62 over the previous year, *i.e.*, 779 against 717 in the year 1942-43 and 648 in the year 1941-42 and 501 in the year 1940-41. In addition 23 calls were received for fires outside the City limits. Of 145 false alarms as many as 44 were maliciously given. 6 arrests were made during the yeear for malicious interference with fire alarms. 80 per cent. of the calls were received through 198 fire alarm posts. The total loss caused by fire was estimated at Rs. 36.75 lacs against Rs. 25.12 lacs of the preceding year. This shows an increase of Rs. 11.63 lacs over the previous year's damage and Rs. 10.76 lacs over the average of the last three years. The increase was due to a heavy loss of about Rs. 18 lacs caused by a serious fire in an old cloth mill at Tulsi Pipe Road. Of the total loss Rs. 31.61 lacs represented insured property and the value of the properties at risk was approximately Rs. 11,50.38 lacs.

The approximate quantity of water played on fire was 67.99 lacs gallons against 61.73 lacs gallons in the preceding year, of which 56.38 lacs gallons were drawn from mains against 58.23 lacs gallons in the preceding year.

The Municipal Commissioner's Silver Challenge Cup for trailer fire pump competition was won by the Fort Station.

The Ambulance service in charge of the Brigade was requisitioned for 1,491 accident calls, 1,640 maternity calls and 3,123 hire calls against 1,251, 845 and 2,170, respectively, in the preceding year. The service carried 6,343 persons during the year against 4,511, 3,800 and 2,790 in the years 1942-43, 1941-42 and 1940-41, respectively, and covered a total distance of 44,804 miles against 31,363, 28,128 and 20,371 miles in the preceding three years. Receipts from hire calls amounted to Rs. 15,836 against Rs. 11,284 and Rs. 9,889 during the last two years showing a respective increase of Rs. 4,552 and 5,947 over the two previous years.

Public Gardens.

26. The Superintendent of Gardens, maintained during the year 16 Gardens, 4 Fountains, 2 Bandstands, 46 Recreation grounds, 3 Open spaces, 1 Statue, 5 Traffic Islands and 3 Hedges. During the year, the Department took over for management 2 additional Recreation grounds, 1 additional Traffic Island at Ranade Road Extension and 1 Drinking Fountain at the King's Circle Garden in the North of the Island.

The directed games conducted by the Y.M.C.A. at the Mustan Tank, the Reclaimed Gilder Tank site and the Willingdon Memorial Playgrounds and by the Nagpada Neighbourhood House at 2nd Peerkhan Street were well patronized. It is understood that a scheme to run these playgrounds departmentally and to increase their number is being formulated.

There was an increase in the number of visitors to the Victoria Gardens as compared with the previous year. In the year of report, the number of visitors to the Gardens was 23,05,144 against 22,50,106 in 1942-43 and 24,34,657 in 1941-42 and 24,85,353 in 1940-41. This gives an average of 6,315 per day and brings the annual average to 24,17,293 for the last five years.

The Gardens Department won the First Prize for its Orchid exhibits in the Vegetable, Fruit and Flower Show held in the City in March 1944.

In the year of report 222 musical performances against 245 in the preceding year for the entertainment of the public were given at different times at 7 places in the City. These consisted of 28 Indian music, 35 Band and 159 Radiograme programmes against 31,45 and 169, respectively, of the preceding year.

There was increased attendance at these musical programmes at all the places due partly to withdrawal of the A.R.P. restrictions and partly to increase in the City's population.

The total expenditure incurred on the Gardens Department was Rs. 1.94 lacs against Rs. 2.02 lacs in the previous year while the income derived was Rs. .13 lac against Rs. 8,404-6-0 in the preceding year.

Victoria and Albert Museum.

27. The Museum was kept open to the public for 314 days against 230 days in the previous year The total and the daily average number of visitors stood at 18,36,252 and 5,847 respectively, against 9,61,978 and 4,182, respectively, of the previous year. The number of pupils who visited the Museum during the year from the Primary and Secondary Schools came to 10,517 against only 4,277 in the preceding year. The reduced number of attendance in the previous year was due to the fact that the Museum was closed to the public for over three months for some structural repairs. Show-cases and other exhibits depicting different models, and Art Industries were re-assembled and rearranged in different rooms so that visitors could see the models and exhibits more comfortably than before and students of local Art Academies could study and sketch them without any obstruction from visitors. The Reference Library in the Museum was availed of by research students and those interested in such works. The Library was enriched by the addition of 22 books of reference in the year.

Municipal Free Reading Rooms and Libraries.

28. During the year under Report administration of Municipal Libraries which were hitherto in charge of the Schools Committee was entrusted by the Corporation to the Municipal Commissioner and the Curator of the Museum was put in charge of the duties of Chief Librarian. The work of cataloguing the books of different libraries was first taken up. Opening hours were changed to suit convenience of readers and rules were framed for the issue of books and magazines. As an experiment rules were framed to lend books without any deposit to Muslim ladies observing Purdah. Two Libraries and Reading Rooms were amalgamated into one and two were shifted to better premises.

A Book Selection Committee was set up to determine purchase of interesting and useful publications, periodicals, magazines, etc., in different languages. During the year 1,388 new books were purchased and 2,91,180 readers attended the Libraries and Reading Rooms. The total number of books issued on deposit and without deposit for reading on the premises came to 12,047 and 24.224, respectively.

General Stores.

29. During the year, 138 tenders and 1,327 enquiries and quotations were issued against 136 and 1,491, respectively, in the previous year and the number of contracts for different schedule articles entered into during the year was 37 against 65 and 87 in the previous two years, respectively. The reduction in the number of contracts was due to several tenders having been rejected owing to high rates quoted by the tenderers. The total value of the purchases came to Rs. 17.73 lacs against Rs. 13.78 lacs and Rs. 15.24 lacs in 1942-43 and 1941-42, the increase being accounted for by higher market rates prevailing. Of the total purchases, articles worth Rs. 15.73 lacs were of Indian manufacture.

The continuance of the policy of keeping in stock stores in quantities adequate to meet the departmental needs for 3 to 4 months resulted in a further reduction in the total of the orders placed, *viz.*, 3,442 against 4,766 and 7,440 in the previous two years, respectively. In order to keep down the level of expenditure, tenders in which the rates were considered very high were rejected and purchases were made from the market as and when required.

The value of stores on hand at the close of the year amounted to Rs. 10.06 lacs against Rs. 7.71 lacs and Rs. 6.42 lacs and Rs. 5.01 lacs for the years 1942-43, 1941-42 and 1940-41, respectively. The increase in stocks was due to higher rates of materials and adequate stores kept on hand on account of delay otherwise caused in securing them. The total turnover came to Rs. 33.12 lacs against Rs. 26.31 lacs and Rs. 29.09 lacs of the preceding two years, respectively. C. I. Pipe scraps, etc., and other unserviceable articles were sold by public auction and realized Rs. 24,594 against Rs. 18,088 and Rs. 18,852 in the last two years.

Licences.

30. There was an increase of 2,461 in the total number, *viz.*, 24,829, of licences issued during the year over the number (22,368) issued in the preceding year. The total amount of fees recovered also shows an increase of about Rs. .19 lac for the year being Rs. 2.49 lacs against Rs. 2.30 lacs in the previous year. The amount of fees outstanding in respect of 45 licences at the end

of the year was Rs. 328 against Rs. 476 at the end of the previous year for 31 licences. There was a decrease in the loss of revenue incidental to disuse or demolition of old licenced places, etc., the loss for the year being Rs. 24,379 against Rs. 25,136 in the previous year.

The number of permits issued for advertisement was 2,470 against 2,575 in 1941-42 and 2,356 in 1942-43 but the amount of fees collected from those permits showed a fall of about Rs. 4,000 over the previous year, when the amount was Rs. 1.19 lacs against Rs. 1.15 lacs in the year of report.

The total number of hawkers and squatter licences issued during the year, *viz.*, 41,663, showed an increase of 6,618 over the previous year's number (35,045) and the fee realized amounted to Rs. 1.86 lacs against Rs. 1.38 lacs in the preceding year. The recovery of expenses for removal of encroachments came to Rs. .32 lac against Rs. .25 lac in the previous year.

Out of the total number of prosecutions (4,017) launched by the Department against offenders under Sections 328, 328-A, 394 and 412-A of the Municipal Act, 3,242 cases were withdrawn; of these 2,997 were on payment of licence fees. 203 cases resulted in convictions of the accued and the total amount of fines inflicted was Rs. 2,767.

The total revenue of the department was Rs. 5,51,229.

During the year of report the department undertook on behalf of Government the work of a Special Annual Census of Cattle in the City against the quinquennial census in the past. Preliminary renuemeration was started on 20th February 1944 and the final count was taken on 29th February 1944. Government met the cost of the census which came to Rs. 1,980.

Shops and Establishments Act Administration.

31. As it was found that enforcement of the Act by mass raids was more effective, 514 such raids—299 by day and 215 by night—were carried out in different parts of the City upto the end of the year to check the observance of the provisions of the Act by different establishments. The total number of visits and revisits paid to different establishments during the year was 45,776 against 37,883 in the previous year. The number of new prosecutions (3,495) instituted during the year showed an increase of 349 over the number (3,146) of the previous year. Out of a total of 3,714 cases including 219 pending at the close of the previous year, 3,509 resulted in conviction. The total amount of fines inflicted was Rs. 68,286 which worked out at Rs. 19-7-4 per case against Rs. 14-6-0 per case of the previous year.

Permanent exemption from the application of the provisions of the Act has been granted in respect of employees working in Government Grain Stores, Shops and Godowns. The entire staff of grain shops and canteens attached to textile mills under the control of the Mill Owners' Association is also exempt during the continuance of the war.

For the year 1942-43, Government gave a grant-in-aid of Rs. 43,125 as against Rs. 55,502, the actual expenditure incurred on the Department.

As a result of prosecutions and heavy fines inflicted by the Courts, a section of hotel-keepers decided to close their establishments, once a week. Thus the benefits of the Act are being felt and realised both by the employers and the employees.

Markets.

32. The total number of Municipal Markets remained the same as in the previous year, *viz.*, 17.

The gross receipts from Municipal Markets were Rs. 7.37 lacs against Rs. 6.40 lacs in the previous year and the total expenditure thereon was Rs. 3.24 lacs against Rs. 2.44 lacs in the preceding year.

The Elphinstone Road Market continued to yield the highest percentage, *viz.*, 48.6, of net receipts on the cost, showing an increase of 3.5 over the percentage of the previous year. The lowest percentage yield was again from the Musjid Bunder Market being—11.7 against—8.2 and—6.1 in the two preceding years, respectively.

In the year of report, the total number of Private Markets was again reduced by 1, *i.e.*, it came to 22 against 23, 24 and 26, respectively, for 1942-43, 1941-42 and 1940-41. The new private market at Chhaktyachiwadi, Tardeo, opened during the previous year, was closed during the year of report.

Like last year, this year also, it is found that licence fees of some private markets are in dispute and the same are held in deposit. This vexed question requires prompt attention.

The number of private Slaughter Houses remained the same as in the previous year, *viz.*, 2, while the number of outside meat shops decreased by 1, *i.e.*, became 185 against 186 of the last year. There was an increase of 2.86 lacs in the total number of animals brought to the fair ground at the Bandra Slaughter Houses during the year. This whole increase was almost in sheep and goats. The number of animals slaughtered or removed for private slaughter during the year was 14.80 lacs and the total amount of slaughter fee, etc., realised was Rs. 6.58 lacs. The corresponding figures for the previous year were 11.94 lacs and Rs. 5.90 lacs. The highest number of animals slaughtered was in December 1943, being 1.41 lacs against the lowest number of 1.13 lacs in August of the year of report.

Public Health.

33. The year passed of without any serious epidemic in spite of tremendous increase in the population in consequence of the return of persons who had voluntarily evacuated owing to war scare in the previous year and also due to increased industrial activities connected with the war effort. The figures collected from the Controller of Rationing showed that the City's population stood nearly at 21 lacs. The difficulty of securing food and the prevailing high prices of essential commod ties created an unfavourable situation with regard to the general health condition of the City. However, the timely rationing of essential food grains helped a great deal to maintain a fairly satisfactory level.

The number of live births (44,015) during the year was more by 12,479 than in the previous year and 8,482 more than the average of the decennium. The number of still-births registered was 3,129. The highest, births recorded were in December 1943 when the number stood at 5,527. Of the total resgistered births 22,740 were males and 21,275 were females. The birth rate calculated on the population of 1941 was 29.5 per 1,000. Of the total births registered in the City, 81.0 per cent. as against 75.8 per cent. in the previous year took place in the maternity homes. There was a tremendous increase in the number of women admitted in Municipal Maternity Homes, the number being 8,657 as against 5,782 and 6,509 during the preceding two years, while accommodation remained the same, namely, 142 beds. Propaganda for education of mothers with regard to their own care during pregnancy and diet of the children after they are born requires to be carried out on an extensive scale in the City especially when we know that in several areas owing to economic conditions, sanitation is very poor, housing conditions deplorable, population generally illiterate, diet poor in quality and

inadequate resulting in malnutrition of pregnant mothers and new born babes. Facilities for anti-natal and post-natal work and infant welfare work require expansion if the City is to be well served. At present the efforts made by the Maternity Homes and Anti-natal and Post-natal clinics are supplemented by Health Visitors. During the year of report, such Visitors paid 45,422 visits in various districts and also attended 260 cases of confinements.

Infant mortality rate per 1,000 registered births showed a slight increase over that of the previous year being 197.4 during the year of report as against 195.4 in the previous year.

The total number of deaths (34,165) during the year showed an increase of 8,988 against the total number of deaths (25,177) during the previous year. This was, however, 3,787 less than the average annual mortality of the last 5 years and 4,523 more than the average of the preceding 10 years. The death rate per 1,000 persons living according to 1941 census was 22.9 while according to the actual population mentioned above, it came to about 16.3 as against 16.9 and 20.9 in the preceding two years, respectively, and 24.2 the average of the last 10 years. It is observed that nearly 50 per cent. of the mortality was due to deaths of children below 5 years of age. During the year 25.4 per cent. of deaths alone were among infants below 12 months. Of the total number of deaths, 19,167 and 14,998 were among males and females, respectively, the corresponding figures for the last year being 14,309 and 10,868. The male death rate thus worked out at 20 against the female death rate of 27 per 1,000 in the year of report. As in the previous year, this time also diseases of the Respiratory System claimed the highest death rate, namely, 7.5 per 1,000 of population against 5.2 in the previous year. Next came deaths due to Congenital Debility and Diseases of early Infancy which accounted for 4,167 deaths giving a rate of 2.8 per 1,000 deaths. The third place was taken by deaths due to old age; 2,625 deaths took place in the year giving a rate of 1.8 per 1,000 deaths. Tuberculosis took a toll of 1,950 persons giving a rate of 1.3 per 1,000 deaths. The Ramesh Premchand Hospital at Sewri continues to be in charge of Government under the Defence of India Rules for the use of a Hospital for the Royal Indian Navy. The total number of deaths by Malaria showed an increase—being 153 as against 109, 88 and 97 in the previous three years. On one occasion the disease had been entirely brought under control by the Corporation, but on account of abnormal conditions created by the war, this disease has again shown a rise in its toll. During the year, there were 519 deaths from Small-pox while the total number of attacks reported was 1,318; the corresponding figures for the previous year being 591 and 1,454. In spite of vigorous efforts and large scale vaccinations, the disease kept on smouldering throughout the year on account of the influx of unprotected people from outside places. The number of primary vaccinations during the year was 46,000 as against 31,282 in the previous year while that of revaccination was 1,90,330 as against 1,42,836 in the previous year.

Dispensaries.

34. Nineteen Municipal Dispensaries continued to render free medical relief to the sick poor of the City. The number of new cases and the total attendance at these dispensaries came to 2,13,894 and 7,78,427, respectively, against 1,68,960 and 5,75,811 in the preceding year. 233 visits were paid by the Dispensary Medical Officers to patients in their homes. The Eye Dispensary and Hospital at Kamathipura where there is accommodation for 12 beds—six beds each for males and females—had 7,281 new cases against 6,242 in the previous year. The total attendance at this institution showed a marked increase being 49,660 during the year against 27,847 in the previous year. The number of in-door patients for new cases and the total attendance were 167 and 2,294.

The Health Propaganda Branch carried on activities by arranging programmes at various centres. 80 magic lantern lectures were arranged on 'Prevention of dangerous diseases', such as small-pox, typhoid, tuberculosis, etc., In all 7 Health Education meetings were arranged out of which 1 was exclusively for ladies. Institutions doing social work rendered co-operation with our health propaganda efforts from time to time. The scheme for establishing Citizens' Health Leagues in different parts of the City is under consideration.

K. E. M. Hospital.

35. The number of beds for men, women and children at the Hospital was 283, 133 and 40, respectively, making a total of 456 beds against 432 beds in the previous year. The Hospital extension programme could not be proceeded with owing to war during the year under report. The total number of in-patients admitted during the year was 14,804 against 12,782 and 13,135 in the two previous years, respectively. Of the total 15,285 in-patients which number includes 481 in-patients of the previous year, 4,890, were cured, 6,264 were discharged and relieved, 2,056 either prematurely left the Hospital or were otherwise discharged and 1,568 died, leaving a balance of 507 at the end of the year. The maximum number of in-patients on any one single day was 543 and the daily average worked out to 481.4 The average number of days each patient was resident was 10.61 days against 11.88 days in the previous year. The average cost per in-patient per day rose to Rs. 3-15-0 against Rs. 3-4-8, Rs. 3-0-2 and Rs. 2-15-3 of the previous three years. Similarly, the average cost per in-patient admission also showed a rise, being Rs. 46-11-10 against Rs. 42-6-1, Rs. 38-0-3 and Rs. 36-7-2 of the preceding three years.

The total number of 1,32,639 new out-patients treated during the year shows a rise of 16,944 over 1,15,695 of the previous year. The corresponding numbers of casualty patients were 29,255 and 26,258, respectively. The total number of out-patient attendance during the year was 4,71,136 against 3,77,203 which give sa daily average of 1,505.59 against 1,200 in the previous year. The highest number of out-patient attendance on any one day was 2,314 against 1,760 in the previous year, while the corresponding figures for new out-patients on a single day were 560 and 445, respectively. In spite of a great increase in the number of out-patien ts the average cost per out-patient attendance remained the same as in the previous year, *viz.*, Re. 0-7-2 and the average cost per out-patient admission showed a fall, being Rs. 1-8-5 for the year under report against Rs. 1-9-11 of the previous year. An amount of Rs. 16,658 against Rs. 14,600 of the previous year was spent for affording relief to poor patients out of the Poor Box Charity Fund for expensive drugs, injections, blood transfusion, etc. This amount is not taken into account while working out the above averages.

The total number of operations on in-patients and out-patients performed during the year was 5,960 and 12,067, respectively, against 5,341 and 11,065 in the last year.

There was a great rise in the total number of children treated in the different departments of the Hospital, the total being 11,535 against 7,856 in the previous year. 7 children were treated as in-patients for various disorders. The total cost of the Clinic was Rs. 9,015-11-0 which compares very favourably with that of the previous year, *viz.*, Rs. 8,920, having regard to the large increase in the number of children treated at the Clinic.

The Poor Box Charity Fund continued to give deserving patients much needed relief which could not ordinarily be given out of the Municipal fund. The total amount thus spent out of this Fund came to Rs. 1,698 while contributions during the year by way of collections from out-patients boxes, ward boxes, donations, etc, amounted to Rs. 34,235.

During the year the number of blood samples collected rose to 699 from 288 of the previous year. Of these sam ples 604 were issued for purposes of transfusion.

36. Of the 84 fresh admissions in the College in June 1943, 81 were single, 1 married and 2 betrothed.

Seth G. S. M. College. Of the 498 students on the Roll at the close of the year, 105 werea ldy students and 60 post-graduate and research students, against 85 and 74, respectively, at the end of the previous year, when the total was 407. Out of 444 students sent up for various examinations, 203 passed the whole examination against the corresponding figures of 397 and 186 of the previous year.

A total expenditure of Rs. 2.84 lacs, including payment of Dearness Allowance of Rs. .18 lac against Rs 2.75 lacs and Rs. 2.74 lacs in the previous two years, respectively, was incurred on the College and the Hostels attached to it, while the revenue derived by way of tuition fees, hostel rents, etc., was Rs. 1.32 lacs against Rs. 1.24 lacs and Rs. 1.19 lacs in the previous two years, respectively, The gross cost and the net cost per student worked out at Rs. 535 and Rs. 271, respectively, against Rs. 585.4 and Rs. 321.5 in the last year. The amount of fees received from the post-graduates was Rs. 4,605 against Rs. 3,405 and Rs. 4,170 in the preceding two years.

The number of male and female students residing at their respective Hostels during the year remained the same as in the previous year, *viz.*, 146 and 28, respectively.

The income derived from and the expenditure incurred on the Hostels were Rs. 18,018 and Rs. 10,678, respectively, against Rs. 18,243 and Rs. 9,701 in the previous year.

37. Owing to improved war situation the exodus panic which prevailed in the preceding two years had subsided and a large number of families who had left Bombay returned to the City. Consequently, there was an increase in the number of pupils attending Municipal schools. This number rose to 1,00,131 at the end of the year of report against 75,993 at the corresponding time of the previous year. The number of schools was increased by 3 being 386 against 383 last year, while that for the classes was reduced from 30 to 25. The increase of 3 in the number of schools is accounted for by 4 additional Urdu Schools, two for each boys and girls and by reduction of 1 Marathi Girls' School. The whole reduction of 5 classes is on the Urdu Side where 3 classes for Boys and 3 classes for Girls were closed during the year. The total strength of teachers also showed an increase in number from 2,615 in the previous year to 3,003 on 31st March 1944. The Municipal Grant for the year was Rs. 46.43 lacs against Rs. 41.60 lacs in the previous year, exclusive of the expenditure of Rs. .69 lac on the Schools Committee's administrative office met out of the General Municipal Fund. The Government grant to the Corporation towards Primary Education amounted to Rs. 9.36 lacs against Rs. 9.45 lacs in the previous year.

Education.

The average cost per pupil according to the number on the roll on the last day of the year worked out at Rs. 44.5 against Rs. 52, Rs. 45.3 and Rs. 33.6 for the previous three years, respectively. The average cost per pupil worked out on the average number of pupils on the roll throughout the year was Rs. 47.9 against Rs. 54.4, Rs. 36.2 and Rs. 35.3 of the immediately preceding three years, respectively, The redduction in the cost per pupil was the direct result of increase in the number of pupils.

At the Training Classes, 412 teachers were under training at the end of the year.

This year also the number of Aided Schools increased by 6. Their number rose from 199 to 205 in the year of report; the total number of pupils in these Schools, however, showed an appreciable increase from 31,338 to 40,008 in the year under review. This increase was mainly in Gujarati teaching schools. The total number of pupils in these schools at the end of the year was 17,441 against 13,044 in the previous year. The number of teachers—full time and part time-in the aided schools also shows an increase over the previous year being 1,821 against 1,561 in the last year. The total amount of grant-in-aid paid to these schools, however, shows a decline beint Rs. 2.12 lacs against Rs. 2.16 lacs in the previous year. Useful comparative information given in the previous reports about average cost per pupil in aided schools, etc., has been omitted this time. It is desirable that such information should be included in the Annual Report so as to compare the same with Municipal cost.

Besides these aided schools, there were 19 recognized schools which did not receive a grant-in-aid from the Schools Committee with a total of 2,859 pupils against 2,188 pupils on the roll in the previous year.

In all 705 pupils took advantage of the different types of classes in the Central Schools of which 480 and 120 attended classes in Carpentry and Tailoring, respectively. These classes are useful for imparting instructions in vocational subjects and are having an increasing attendance from year to year. The sale proceecds of articles prepared in these classes and disposed of at the Annual Handicraft Exhibition amounted to Rs. 2,600.

Municipal Printing Press.

38. During the year of report, the difficulty of securing White and Badami paper was to some extent obviated by Government allotments to meet Municipal requirements, yet to save paper every job was subjected to fresh scrutiny to determine its size and form. The total quantity of paper consumed was 31 tons against 37 tons and 53 tons, respectively, in the years 1942-43 and 1941-42.

The increase in the rate of Dearness Allowance in the year of report resulted in an increase of nearly 17 per cent. in the Labour Cost as compared with the cost of the previous year. The Working and the Profit and Loss Account for the year shows a surplus of Rs. 1.070 on a total turnover of Rs. 1.88 lacs. The corresponding figures for the last two years were Rs. 491 and Rs. 137 and Rs. 1.78 lacs and Rs. 1.55 lacs, respectively. The labour staff on 29th February 1944 consisted of 110 effective workers against 113 at the close of the last year. A Literacy Class for teaching English by the Basic Method to the Press workers was started in the year of report and was well patronised by the workers.

Legal Assistant's Department.

39. For the first time after this Department was created in 1931, a report of its working has been included in the Administration Report, This Department has been entrusted with the work of drafting leases, conveyances, contracts, etc., and for attending to such other legal matters as could be conveniently managed departmentally, more important legal matters being continued to be entrusted to the Municipal Solicitors. During the year 4,936 files were received from various departments and 2,006 letters were written to outside parties or their legal advisors. The number of Court Cases attended to by the Department together with the number of Conveyances, Agreements, etc., completed by the Department are given in the Report.

Audit.

40. This year also the report of the Municipal Chief Auditor has not been included in the Administration Report. It is presumed that it will be submitted to the Committee independently early.

Acknowledgement.

41. In conclusion, the Standing Committee desire to record their high appreciation of the very able and valuable services rendered by Mr. M. D. Bhat, I.C.S., whose high administrative ability and financial acumen have been of great help to the Committee.

MUNICIPAL CORPORATION OFFICE,
Bombay, 2nd October 1944.

RAMCHANDRA A. GOLE,
Chairman, Standing Committee.

Administration Report of the Municipal Commissioner for the City of Bombay for the year 1943-44.

CORPORATION, STANDING COMMITTEE AND IMPROVEMENTS COMMITTEE.

CORPORATION.

1. Dr. Manchersha Dhanjibhoy Dorabji Gilder, M.D. (Lond.), F.R.C.S. (Eng.), M.L.A., was elected Mayor at the meeting of the Corporation, held on 2nd April 1943, and he held that office upto 14th October 1943, after which date he ceased to be a Councillor owing to his absence from the Corporation meetings for 12 successive months. In the vacancy thus caused Mr. Minocheher Rustom Masani, B.A. (Bom.), LL.B. (Lond.), BARRISTER-AT-LAW, was elected Mayor at the meeting of the Corporation, held on 11th November 1943, and Mr. Masani held that office till the close of the year.

2. One hundred and twenty-one meetings of the Corporation including fourteen special and adjourned special meetings of the Corporation and one hundred and forty-six meetings of the Committees and twenty meetings of the Sub-Committees, other than those of the Standing Committee and the Improvements Committee, were held during the year.

3. The changes that took place in the personnel of the Corporation during the year were as follows :—

Dr. Manchersha Dhanjibhoy Dorabji Gilder, M.D. (Lond.), F.R.C.S. (Eng.), M.L.A., was re-elected by the rent-payers of Ward No. 2 (Fort Northern-Esplanade) on 11th December 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 15th October 1943 owing to his absence from the Corporation meetings for 12 successive months.

Mr. Keshao Laxman Borkar was re-elected by the rent-payers of Ward No. 11 (Mazgaon-Tarwadi) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943 owing to his absence from the Corporation meetings for 12 successive months.

Mr. Panalal Maneklal Chinai was elected by the rent-payers of Ward No. 3 (Mandvi-Chakla) on 11th December 1943 in the vacancy caused by the death of Dr. Poonsey H. Meisheri, F.C.P.S., L.M. & S., J.P., on 15th October 1943.

Mr. Ganpatishankar N. Desai was re-elected by the rent-payers of Ward No. 6 (Bhuleshwar-Market) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 3rd August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Ratilal Mulji Gandhi, B.A., M.L.C., was re-elected by the rent-payers of Ward No. 6 (Bhuleshwar-Market) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Dattatraya Ramchandra Gharpure, M.A., B.Sc., was re-elected by the rent-payers of Ward No. 8 (Khetwadi-Tardeo) on 18th October 1943, in his own vacancy caused on account of his having ceased to be a Councillor from 31st August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Nandvadan Jhaverilal Gor, B.A., LL.B., was elected by the rent-payers of Ward No. 18 (Parbhadevi-Worli) on 13th April 1943 in the vacancy caused by the resignation of Mr. R. S. Nimbkar on 12th February 1943.

Mr. N. P. Gurjar, B.E., I.S.E., became an *ex-officio* Councillor from 22nd April 1943 *vice* Mr. N. V. Shrinivas Murti, B.A., B.E., who relinquished the office of the Executive Engineer, Presidency Division, from that date.

Mr. Bhawanji Arjun Khimji, M.L.A., was re-appointed by the Indian Merchants' Chamber on 15th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absenee from the Corporation meetings for 12 successive months.

Mr. B. N. Maheshwari was re-elected by the rent-payers of Ward No. 16 (Matunga-Sion) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Nagindas Tribhuvandas Master, B.A.,LL.B., M.L.A., was re-elected by the rent-payers of Ward No. 9 (Girgaum-Chaupati) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Yusuf Meherally, B.A., LL.B., was re-elected by the rent-payers of Ward No. 5 (Khara Talao-Kumbharwada) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Asoka Ranjitram Mehta was re-elected by the rent-payers of Ward No. 19 (Chinchpokli-Love Grove) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Dr. Trimbak Ramchandra Naravane, B.A.,A.V.V. (T.U.),L.M. (Rot.), Z.G.S. (Vienna), was re-elected by the rent-payers of Ward No. 17 (Dadar-Mahim) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 3rd August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Ishwarbhai Somabhai Patel, L.A.A., D.Com., was re-elected by the rent-payers of Ward No. 18 (Parbhadevi-Worli) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Sadashiv Kanoji Patil, M.L.A., was re-elected by the rent-payers of Ward No. 9 (Girgaum-Chaupati) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th

Mr. Rajaram B. Raut was re-elected by the rent-payers of Ward No. 7 (Dhobi Talao-Fanaswadi) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 23rd July 1943, owing to his absence from the Corporation meetings for 12 successive months.

Lt. Col. J. R. Sadler, C.B.E., R.E., was *ex-officio* member of the Corporation from 27th September to 26th October 1943 during which period he officiated as the Chairman, Bombay Port Trust Board, during the absence on leave of Sir B. Rama Rau, C.I.E., I.C.S.

Mr. Manilal Jaimalbhai Seth was re-elected by the rent-payers of Ward No. 6 (Bhuleshwar-Market) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943, owing to his absence from the Corporation meetings for 12 successive months.

Mr. Sayaji Lakshman Silam, B.A., LL.B., was re-elected by the rent-payers of Ward No. 12 (1st Nagpada-2nd Nagpada-Kamathipura) on 20th November 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 11th August 1943 owing to his absence from the Corporation meetings for 12 successive months.

Mr. Soonderdas Morarjee was re-elected by the rent-payers of Ward No. 2 (Fort Northern-Esplanade) on 18th October 1943 in his own vacancy caused on account of his having ceased to be a Councillor from 27th July 1943, owing to his absence from the Corporation meetings for 12 successive months.

STANDING COMMITTEE.

4. The Hon'ble Raja Bahadur Govindlal Shivlal Motilal, J.P., was elected Chairman of the Standing Committee at the meeting of the Committee, held on 7th April 1943 and he held that office throughout the year.

5. The changes that took place in the personnel of the Standing Committee were as follows:—

Mr. Minocheher Rustom Masani, B.A. (Bom.), LL.B. (Lond.), BARRISTER-AT-LAW, was appointed as a member of the Committee on 8th July 1943 in the place of Mr. Dahyabhai V. Patel who had ceased to be a member of the Committee on account of his absence from the meetings of the Committee for the maximum period permissible. Mr. Masani resigned his seat on the Committee from 12th November 1943. In the vacancy thus caused, Mr. Ramnath A. Podar was appointed as a member of the Committee on 6th December 1943.

Mr. Shivdas C. Thakkar was appointed as a member of the Committee on 3rd May 1943 in the place of Mr. Rajaram B. Raut who had ceased to be a member of the Committee on account of his absence from the meetings of the Committee for the maximum period permissible.

Dr. G. R. A. Sheikh, B.Sc., M.B., B.S., J.P., resigned his seat on 27th March 1944.

6. Fifty-four regular and twenty-two special meetings of the Standing Committee and two meetings of the Sub-Committee thereof were held during the year.

7. There were forty-eight attendances for the audit of Municipal Accounts and one hundred and four for the signing of cheques.

IMPROVEMENTS COMMITTEE.

8. Mr. Jamnadas Dwarkadas, B.A., was elected Chairman of the Improvements Committee at the meeting of the Committee, held on the 13th April 1943 and he held that office throughout the year.

9. The changes that took place in the personnel of the Improvements Committee were as follows:—

Mr. Ishwarbhai S. Patel, L.A.A., D.Com., was appointed as a member of the Committee on 10th January 1944 in the vacancy caused by the resignation of her seat on the Committee by Mrs. Lilavati K. Munshi from 1st January 1944.

Mr. K. A. Subramanian was re-appointed as a member of the Committee on 15th November 1943 in his own vacancy caused on account of his having ceased to be a member of the Committee owing to his absence from the meetings of the Committee for the maximum period permissible.

10. Forty-one ordinary meetings including adjourned meetings and one special meeting of the Improvements Committee and two meetings of the Sub-Committee thereof were held during the year.

LIST OF COUNCILLORS WHO HELD OFFICE ON THE 31ST MARCH 1944.

MR. M. R. MASANI, B.A. (Bom.), LL.B. (Lond.), BARRISTER-AT-LAW, (*Mayor*).
THE HON'BLE RAJA BAHADUR GOVINDLAL SHIVLAL MOTILAL, J.P., (*Chairman, Standing Committee*)
MR., JAMNADAS DWARKADAS, B.A. (*Chairman, Improvements Committee*).
DR. HOMI F. PAVRI, M.C.P.S., M.B., B.S. (*Chairman, Schools Committee*).

ACHREKAR, MR. R. K.
ALIMAHOMED, MR. A. K., J.P.
ALLABUX, KHAN BAHADUR MOHAMEDALLY, M.L.A., J.P.
ANKLESARIA, DR. D. T., M.B., B.S.
BAIGMAHOMED, MR. A. A.
BHARUCHA, MR. NAUSHIR C., M.B.E., M.A., LL.B.
BHATT, MR. MADHAVLAL M., J.P.
BHUJPURIA, MR. KHIMJI M.
BIJJA, MR. Y. L.
BORADE, MR. M. R.
BORKAR, MR. K. L.
BUTLER, MR. H. E., O.B.E., J.P., (*Commissioner of Police*).
CARCARY, MR. D. D., J.P.
CHAMBERLAIN, MR. H., J.P.
CHIMANLAL MANCHUBHAI, MR.
CHINAI, MR. P. M.
CHOKSY, Lt. Col. J. N., M.B., B.S.
CHOWDHERY, MR. ZULMIRAM J.
COLLACO, DR. J. A., L.M. & S., M.L.A., J.P.
CURSETJI, DR. KHURSHED J. J., B.A., M.B., B.S., B.Hy., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
CURTAY, MR. A. L., J.P.
DARVESH, MR. SULEMAN MIA AHMED.
DAVAR, PROF. SOHRAB R., BARISTER-AT-LAW, M.L.C., J.P.
DEORUKHKAR, MR. B. J.
DESAI, MR. GANPATISHANKAR N.
DESAI, MR. MOHANLAL M., B.A., LL.B.
DEVJI RATTANSEY, MR.
DONDE, MR. M. V., B.A.
D'SOUZA, DR. JOS. ALBAN, B.A., L.M. & S., J.P.
GANDHI, MR. RATILAL M., B.A., M.L.C.
GANDHI, MR. V. B.
GHARPURE, MR. D. R., M.A., B.Sc.
GILDER, DR. M. D. D., M.D. (Lond.), F.R.C.S. (Eng.), M.L.A.
GODBOLE, MR. M. V.
GOLE, MR. R. A.
GOR, MR. N. J. B.A., LL.B.
GOREGAOKER, MR. K. H., B.A., LL.B., J.P.
GOVINDJEE, MR. VITHALDAS D.
GURJAR, MR. N. P., B.E., I.S.E., (*Executive Engineer, Presidency Division*).
JETHMAL NARANDAS, MR.
JOGLEKAR, MR. K. N.
JOSHI, MR. MANCHERJI E., L.C.E., M.I.E., J.P.
JOSHI, MR. S. C., M.A., LL.B., M.L.C.
KAJROLKAR, MR. N. S.
KAPADIA, MR. MOTICHAND G., B.A., LL.B.
KARANJIA, MR. BEHRAM N., M.L.C., J.P.
KARAPURKAR, MR. V. A., F.C.I. (Eng.).
KHADILKAR, MR. Y. K.

KHANDRAY, Mr. B. M.
KHIMJI, Mr. BHAWANJI A., M.L.A.
KILLEDAR, Mr. M. M., M.L.A., J. P.
MAHESHWARI, Mr. B. N.
MANYAR, Mr. MOHOMMADALI S.
MASCARENHAS, Dr. M. U., L.M. & S., J.P.
MASTER, Mr. NAGINDAS T., B.A., LL.B., M.L.A.
MEHERALLY, Mr. YUSUF, B.A., LL.B.
MEHTA, Mr. ASOKA R.,
MEHTA, Mr. JAMNADAS M., M.A., LL.B., BARRISTER-AT-LAW, M.L.A.
MEHTA, Dr. SORAB P., B.A., L.M. & S., J.P.
MIRAJKAR, Mr. S. S.
MIRZA AKHTAR HASAN, Mr., B.A., LL.B., M.L.A.
MOIDEEN BAWA, Mr.
MORARJI, Mr. GORDHANDAS G., J.P.
MUNSHI, Mr. FATEHKHAN A.
MUNSHI, Mrs. LILAVATI K., M.L.A.
MUNSHI, Mr. R. F., B.A. (Cantab.), BARRISTER-AT-LAW.
NAGVEKAR, Mr. V. M.
NARAVANE, Dr. T. R., B.A., A.V.V. (T.U.), L.M. (Rot.), Z.G.S. (Vienna).
NARBHERAM NARSHIDAS, Mr.
NARIMAN, Mr. KHURSHED F., B.A., LL.B., M.L.A.
PANDIT, Mr. Y. G.
PARELKAR, Mr. B. G.
PATEL, Mr. DAHYABHAI V.
PATEL, Mr. I. S., L.A.A., D.Com.
PATEL, Mr. MAHOMEDBHAI O. E., B.A., LL.B.
PATIL, Mr. S. K., M.L.A.
PODAR, Mr. R. A.
PRADHAN, Mr. D. V.
PUPALA, Mr. NARSINGRAO C., G.I.STRUCT.E.
RAIJI, Mrs. JAYASHRI N., B.A.
RAJAB, Mr. MOHAMED UMAR.
RAJADHYAKSHA, Dr. B. H., M.B., B.S., J.P.
RAMA RAU, Sir B., C.I.E., I.C.S., (*Chairman, Port Trust Board*).
RAMZAN, Mr. FATEHMAHOMED HAJI.
RAUT, Mr. RAJARAM. B.
ROWJEE, Mr. M. I., J.P.
SABAVALA, Mr. A. P., B.A., BARRISTER-AT-LAW.
SAHER, Dr. DADIBA N., L.M. & S., J.P.
SALEBHOY ABDUL KADER, Mr.
SAVANT, Mr. P. K., B.A., LL.B.
SERANG, KHAN SAHEB MAHOMED E.
SETH, Mr. MANILAL J.
SHAH, Mr. COOVERJI J.
SHEIKH, Dr. G. R. A., B.Sc., M.B., B.S., J.P.
SHIRODKAR, Mr. R. K.
SILAM, Mr. S. L., B.A., LL.B.
SINGH, Mr. KASHI PRASAD.
SOONDERDAS MORARJEE, Mr.
SUBRAMANIAN, Mr. K. A.
SUKTHANKAR, Dr. Mrs. MALINIBAI B., M.B., B.S., J.P.
TALPADE, Mr. M. N., B.A., LL.B.
TAMBE, Mr. K. G., L.C.E.
TATNIS, Mr. R. K.
THAKKAR, Mr. RATILAL T.
THAKKAR, Mr. SHIVDAS C.
TULLA, Mr. V. R., B.Ag.
TYABJI, Mrs. KHADIJA SHUFFI, M.L.A., J.P.
VAGH, Mr. R. S.
VAKHARIA, Mr. MANEKLAL N.
VASANTRAM JAMIETRAM, Mr., B.A., LL.B., J.P.
VELINKAR, Mr. V. S., B.A., BARRISTER-AT-LAW.
VORA, Dr. JETHALAL V., L.M. & S.,
WORLIKAR, MR. V. B.

Mr. MADHUSUDAN DAMODAR BHAT, B.A. (Bom.), M.A. (Cantab.), BARRISTER-AT-LAW, I.C.S., J.P., (*Municipal Commissioner*)
and
Mr. B. V. MODY, B.A. (Hons.), (*Municipal Secretary*).

MEMBERS OF THE STANDING COMMITTEE AS ON THE 31ST MARCH 1944.

THE HON'BLE RAJA BAHADUR GOVINDLAL SHIVLAL MOTILAL, J.P., (*Chairman*).

BHATT, Mr. MADHAVLAL M., J.P.
CHIMANLAL MANCHUBHAI, Mr.
DESAI, Mr. MOHANLAL M., B.A., LL.B.
GANDHI, Mr. V. B.
GOLE, Mr. R. A.
GOREGAOKER, Mr. K. H., B.A., LL.B., J.P.
GOVINDJEE, Mr. VITHALDAS D.
KAPADIA, Mr. MOTICHAND G., B.A., LL.B.
MIRAJKAR, Mr. S. S.
PODAR, Mr. RAMNATH A.
PRADHAN, Mr. D. V.
ROWJEE, Mr. M. I., J.P.
THAKKAR, Mr. SHIVDAS C.
VASANTRAM JAMIETRAM, Mr., B.A., LL.B., J.P.

MEMBERS OF THE IMPROVEMENTS COMMITTEE AS ON THE 31ST MARCH 1944.

Mr. JAMNADAS DWARKADAS, B.A., (*Chairman*).

ALLABUX, KHAN BAHADUR MOHAMEDALLY, M.L.A., J.P.
ANKLESARIA, Dr. D. T., M.B., B.S.
BHUJPURIA, Mr. KHIMJI M.
DEORUKHKAR, Mr. B. J.
DEVJI RATTANSEY, Mr.
GOREGAOKER, Mr. K. H., B.A., LL.B., J.P.
KARAPURKAR, Mr. VINAYAKRAO A., F.C.I. (Eng.).
PATEL, Mr. I. S., L.A.A., D.Com.
RAIJI, Mrs. JAYASHRI N., B.A.
RAJADHYAKSHA, Dr. B. H., M.B., B.S.
RAMZAN, Mr. FATEHMAHOMED HAJI.
SHAH, Mr. COOVERJI J.
SUBRAMANIAN, Mr. K. A.
TAMBE, Mr. KESHAO GANESH, L.C.E.
VORA, Dr. JETHALAL V., L.M. & S.

MEMBERS OF THE SCHOOLS COMMITTEE FOR THE YEAR 1943-44.

Name of Member.	REMARKS.
PAVRI, Dr. HOMI F., M.C.P.S., M.B., B.S.	Elected as Chairman on 7th April 1943.
ALIMAHOMED ABUBAKAR BAIGMAHOMED, Mr.	
ABDUL TALIF CURTAY, Mr., J.P.	
KHANDRAY, Mr. B. M.	
* KHANDWALA, Mrs. KANTABEN D., B.A.	
KHADIJA SHUFFI TYABJI, Mrs., M.L.A., J.P.	Resigned from 23rd March 1943.
MUNSHI, Mrs. LILAVATI K.	
* VELINKAR, Mrs. LILAVATI V. S., M.A.	
SUKTHANKAR, Dr. Mrs. MALINIBAI B., M.B., B.S., J.P.	
* DESAI, Mr. NANUBHAI V., B.A., G.D.A. (Hons.), R.A.	
KAJROLKAR, Mr. NARAYAN S.	
MEISHERI, Dr. P. H., F.C.P.S., L.M. & S., J.P.	Died on 15th October 1943.
SAWANT, Mr. P. K., B.A., LL.B.	Ceased to be a member from the 19th April 1943. Re-appointed from 15th November 1943.
* LELE, Mr. PURUSHOTTAM R., B.A., LL.B.	
TULLA, Mr. VISHWANATH R., B.Ag.	Ceased to be a member from 5th April 1943.
CHOWDHERY, Mr. Z. J.	
KARAPURKAR, Mr. V. A., F.C.I.	Appointed from the 10th June 1943. Resigned from 1st January 1944
PUPALA, Mr. N. C., G.I., STRUCT.	Appointed from 10th June 1943.
SALEBHOY ABDUL KADER, Mr.	Appointed from 10th January 1944.

* Non-Councillor Members.

Mr. M. D. Bhat, I.C.S., J.P. held the office of the Municipal Commissioner throughout the year.

Dr. J. F. Bulsara, M.A., LL.B. (Bom.), Ph.D. (Lond.), J.P., held the office of the Deputy Municipal Commissioner throughout the year.

Mr. H. B. Shivdasani, M.A. (Cantab), J.P., held the office of the Deputy Municipal Commissioner (Improvements) during the year except for the period from 3rd May 1943 to 16th June 1943 when he was on leave and Mr. A. R. Manerikar, B.E., A.M.I.E., Estate Agent and Land Manager, acted for him.

II.—Heads of Departments.

Mr. B. V. Mody, B.A. (Hons.), held the office of the Municipal Secretary during the year except for the period from 30th December 1943 to 23rd February 1944 when he was on leave and Mr. C. F. D'Souza, Deputy Municipal Secretary, acted for him.

Mr. R. C. Mehta, F.S.A.A., R.A., held the post of the Municipal Chief Auditor during the year except for the period from 4th May 1943 to 12th June 1943 when he was on leave and Mr. B. L. Patel, Assistant Auditor, acted for him.

Dr. J. P. Padshah, M.D. (Lond.), F.C.P.S. (Bom.), held the office of the Dean, K. E. M. Hospital and Seth G. S. Medical College upto 10th April 1943 on which date he died. Dr. R. P. Koppikar, M.S., F.C.P.S. (Bom.), was appointed to the post of the Dean from 11th April 1943 and held that post throughout the year.

Mr. V. V. Shaligram B.A., J.P., held the post of the Chief Accountant till 20th June 1943 and retired from Municipal Service due to superannuation from 21st June 1943. Mr. J. K. Daruvala B.A. (Hons.), A.S.A.A., who was appointed as Chief Accountant took charge of the office on 22nd June 1943 and continued to hold the post during the remaining part of the year.

The post of the Deputy City Engineer was vacant upto 27th January 1944 and Mr. B. B. Patkar, B.E. (Civil), A.M.I.E. (India), Asstt. Engineer (Maintenance) was appointed to it from 28th January 1944.

Mr. A. R. Manerikar, B.E., A.M.I.E., held the office of the Estate Agent and Land Manager during the year except for the period from 3rd May 1943 to 16th June 1943 when he officiated as Deputy Municipal Commissioner (Improvements).

Mr. J. D. Daruvala, M.Soc., C.E. (France), A.M.Inst.C.E., M.I.E., F.I.S.E., M.R.San.I., Asstt. Engineer, 1st Grade (Arch.), proceeded on 28 months' leave preparatory to retirement from 25th January 1944 and the post was vacant upto the end of the year and pending the appointment of a substitute the duties of the post were discharged by the City Engineer.

Mr. A. P. Saldanha B.A., held the post of the Superintendent of Licences, Shops and Establishments, during the year except for the period of two months from 5th April 1943 to 4th June 1943 when he was on leave and Mr. T. V. Doraiswamy, B.Com., Asstt. Accountant, acted for him.

Mr. S. C. Upadhyaya, M.A., LL.B. (Bom.), held the office of the Curator, Victoria and Albert Museum during the year except for the period from 13th October 1943 to 30th November 1943 when he was on leave and Mr. L. B. Samant, Museum Assistant acted for him.

The following officers continued in their respective appointments throughout the year:—

Mr. N. V. Modak, B.E., M.I.C.E., M.I.E. (India), M.I.M. & Cy.E., F.R.San. I. Etc., J.P. as City Engineer.

Mr. E. A. Nadirshah, B.A., B.E. (Bom.), B.Sc. (Engineering, Edin.), M.I.nst.C.E. (Lond.) as Hydraulic Engineer.

Dr. B. C. Das Gupta, B.Sc. (Hons.) (Cal.), M.B. (Cal.), M.R.C.P. (Ire.), D.P.H. (Lond.), as Executive Health Officer.

Mr. N. Coombs, L.C.C. (Eng.), as Chief Officer Fire Brigade (now Officer Commanding, Fire Services).

Mr. L. S. Kagal, B.A. (Hons.) LL.B., as Assessor & Collector.

Mr. B. K. Wagle, B.A. (Cantab), J.P., as Test Audit Officer.

Mr. N. K. Patel, B.Sc. (Engineering, Lond.), A.M.I.E.E., as Mechanical Engineer.

Dr. D. S. Laud, G.B.V.C. as Superintendent of Markets.

Miss K. Khandvala, B.A.,B.T. (Bom.,) M.A. (U.S.A.), as Secretary, Schools Committee.

Mr. S. M. Desai, B.E. (Bom.), as Deputy Estate Agent and Land Manager.

Mr. M. B. Maniar, (Solicitor, Lond.), as Legal Assistant.

Mr. D. I. Ahmedi, B.Ag., as Superintendent of Gardens.

Mr. A. H. K. Shaikh as Controller of Stores.

Mr. K. R. Kelkar, B.A., as Election and Town Duty Officer.

III.—Financial.

General.

The year under review witnessed the beginning of the enemy's retreat on all fronts and paved the way of victory for the Allies with certainty. There was no improvement in the international trade. The foreign trade of India however showed a slight improvement during the year due to improvement in the freight situation. The value of both imports and exports of merchandise on private account was above the level of the previous year. With the progressive use of India as the main operational base against Japan, large demands were made on the country's resources with the result that economic activity in India including production, employment, earnings and trade continued to increase. The upward trend of commodity prices which had reached their war-time peak in June 1943 was arrested by the operation of price control and regulation of distribution of essential goods and prices began to stabilise at lower levels during the year. The position of most of the Indian industries remained favourable on the whole and the Indian textile industry continued to prosper during the year as also the local cotton mill industry. The general increase in industrial actvity benefited municipal finances to some extent as will be seen from the following account.

Estimates and Actuals of Income and Expenditure.

According to the Budget Estimates, the income, expenditure and deficit for the year were estimated at Rs. 379.67 lakhs, Rs. 388.31 lahks and Rs. 8.64 lakhs, respectively. However, the actual income realised was Rs. 403.98 lakhs, and the expenditure incurred was Rs. 390.96 lakhs so that the year ended with a surplus of Rs. 13.02 lakhs.

Variation in Income.

The actual income during the year, *viz.*, Rs. 403.98 lakhs shows an increase of Rs. 14.97 lakhs as compared with that of the previous year, *viz.*, Rs. 389.01 lakhs. The total increase was Rs. 24.37 lakhs against which there were decreases amounting to Rs. 9.40 lakhs. The main increases were under General Tax, Rs. 5.56 lakhs, Town Duties, Rs. 1.35 lakhs, Interest and Profit on Investments of Surplus, Loans and other balances, Rs. 0.44 lakh, Water Works, Rs. 8.90 lakhs, Public Health, Rs. 0.20 lakh, Medical Relief and Education, Rs. 0.20 lakh, Halalkhore Tax and Miscellaneous, Rs. 3.05 lakhs, Buildings and Land Acquisition and Management, Rs. 0.70 lakh, Fire Tax,

Rs. 0.31 lakh, Licensing, etc., Rs. 0.47 lakh, Markets and Slaughter Houses, Rs. 2.56 lakhs, Excess accumulations in the Plant and Machinery Depreciation Fund, Rs. 0.44 lakh. The main decreases were under Miscellaneous Revenue Rs. 0.26 lakh, Roads, Drains and Sewers, Rs. 2.15 lakhs, Mechanical, Rs. 0.58 lakh, and Refund of Excess amount paid to the Improvement Schemes Account on account of Contribution from Municipal Corporation, Rs. 6.28 lakhs.

Details of Expenditure. The actual expenditure for the year, *viz.*, Rs. 390.96 lakhs shows an increase of Rs. 26.31 lakhs over that of the previous year, *viz.*, Rs. 364.65 lakhs. The total increase in expenditure amounted to Rs. 36.11 lakhs; *viz.*, Rs. 0.82 lakh under General Supervision, Rs. 2.30 lakhs under Water Works, Rs. 4.64 lakhs under Education, Primary, Rs. 0.32 lakh under Education, Secondary, Rs. 0.81 lakh under Public Health, Rs. 2.97 lakhs under Medical Relief and Education, Rs. 2.46 lakhs under Street Cleansing and Conservancy, etc., Rs. 1.63 lakhs under Mechanical, Rs. 0.28 lakh under Gardens and Open Spaces, Rs. 1.63 lakhs under Markets and Slaughter Houses, Rs. 1.58 lakhs under Contribution to Improvement Schemes, Rs. 0.32 lakh under Provident Fund, Pensions, etc., Rs. 14.72 lakhs under Grain Compensation (Dearness Allowance) and Rs. 1.24 lakhs under Grants-in-aid to Public Institutions. The total decrease in expenditure amounted to Rs. 9.80 lakhs, the main items being Rs. 1.88 lakhs under Roads, Drains and Sewers and Rs. 7.74 lakhs under Measures for Civil Defence.

Incidence of Taxation. The incidence of taxation per head for the year was Rs. 27-1-10 against Rs. 21-7-8 for the preceding year.

Surplus Cash Balance. The net unhypothecated Surplus Cash Balance on 31st March 1944 (including the minimum required by law), was Rs. 64.00 lakhs against Rs. 45.86 lakhs on 31st March 1943.

Stores on hand. The balance of stock including Surplus and Obsolete on 31st March 1944 was valued at Rs. 10.83 lakhs against Rs. 9.28 lakhs at the close of 1942-43 showing an increase of Rs. 1.55 lakhs.

t ure Grants. The total amount of grants (including Renewed and Additional Grants) was Rs. 425.84 lakhs, while the expenditure amounted to Rs. 390.96 lakhs, leaving an unexpended balance of Rs. 34.88 lakhs. Out of this, grants aggregating to Rs. 10.77 lakhs are reserved for being renewed for expenditure in 1944-45, while Rs. 24.11 lakhs are treated as savings.

Additional grants sanctioned during the year aggregated to Rs. 22.30 lakhs against Rs. 35.84 lakhs in 1942-43.

Loan Works Expendi- ure. The expenditure on Capital Works during the year amounted to Rs. 19.13 lakhs against Rs. 38.53 lakhs provided for in the revised estimates under this head.

Loan floated during the year. During the year, a loan of Rs. 10.00 lakhs was raised at 3½ per cent. interest per annum with 30 years' currency on 3 per cent. Sinking Fund basis. In addition to this, Loan advances were taken from the Special Funds to finance the expenditure on Plant and Machinery and for renewal of Road Surfaces for which no provision existed in the Fund.

Loan Liabilities. Reduction of Debt during the year amounted to Rs. 64.85 lakhs. The loan liabilities of the Corporation at the close of the year stood at Rs. 1,406.87 lakhs. The total Sinking Fund required up to 31st March 1944 was Rs. 338.10 lakhs but the actual value was Rs. 359.56 lakhs as under :—

		Rs.
Public Securities of the Market value of	...	356.22
Interest accrued on the above Securities upto 31st March 1944	...	3.34
Total	...	359.56

A comparison of the net revenue and net expenditure for 1942-43 and 1943-44 is made below in accordance with Standing Committee Resolution No. 12212, dated the 3rd February 1942 :—

Particulars.	1942-43	1943-44
	Rs.	Rs.
Net revenue after deducting refunds, drawbacks and charges in respect of assessment and collection and granting of refunds :—		
General Tax ...	1,43,69,417	1,49,12,961
Town Duties ...	13,41,390	14,82,153
Music, etc., and Liquor Licences ...	2,505	8,690
Returns from Property and Miscellaneous ...	13,03,912	12,85,929
Water Works ...	24,20,800	30,80,063
Street Cleansing and Conservancy, Road Watering and Halalkhore Service ...	9,78,076	10,34,193
Wheel Tax and Tolls ...	18,14,308	16,46,989
Fire Tax ...	2,10,447	2,24,340
Markets and Slaughter Houses ...	7,68,592	8,39,739
Licensing and Removal of Encroachments, etc. ...	3,59,950	3,97,232
Contribution from Capital Funds to Revenue on account of Loan Works Staff ...	70,564	66,212
Extraordinary receipts—		
(*a*) Interest on Net Premia Fund and excess interest on Sinking Fund	1,29,872	1,29,447
(*b*) Refund of excess amount paid to the Improvement Schemes Account on account of contribution from Municipal Corporation ...	6,29,745	
Rebate from Government on account of collection of the Urban Immovable Property Tax in the City ...	1,72,781	1,77,107
Excess accumulation in the Plant and Machinery Depreciation Fund ...		43,534
Total ...	2,45,72,359	2,53,28,589
Net expenditure after deducting receipts :—		
General Superintendence ...	3,85,928	4,08,682
Education, Primary ...	34,60,264	39,33,180
Education, Secondary ...	14,614	45,714
Public Health ...	9,69,980	10,36,087
Medical Relief and Education ...	23,82,618	26,68,,534

Particulars.	1942-43 Rs.	1943-44 Rs.
Roads, Drains and Sewers (including Public Lighting) ...	61,07,371	58,99,362
Mechanical ...	12,42,587	14,41,979
Buildings, Land Acquisition and Management ...	10,47,437	9,91,359
Gardens and Open Spaces ...	3,83,367	4,11,092
Miscellaneous ...	2,01,264	2,53,271
Contribution towards Improvement Schemes ...	24,69,485	26,26,997
Provident Fund, Pensions, Gratuities and Compassionate Allowances	10,61,021	10,92,764
Urban Immovable Property Tax on Municipal Properties	47,839	49,675
Grain Compensation (Dearness) Allowance ...	9,72,830	24,45,180
Grants-in-aid to Public Institutions ...	2,12,700	3,39,515
Measures for Civil Defence	11,55,548	3,81,622
Extra-ordinary Measures Removal of Debris, etc., from the fallen building at Jamshedji Tata Road, Backbay Reclamation ...	19,013	1,492
Total ...	2,21,33,866	2,40,26,505
Surplus	24,36,493	13,02,084
Total ...	2,45,70,359	2,53,28,589

IMPROVEMENT SCHEMES.

General Account.

Estimates and Actuals of Income and Expenditure. The income, expenditure and deficit for the year as per Budget Estimates B were Rs. 92.64 lakhs, Rs. 103.02 lakhs and Rs. 10.38 lakhs respectively, the corresponding actuals being Income Rs. 95.45 lakhs, Expenditure Rs. 97.94 lakhs and deficit Rs. 2.49 lakhs.

Variation in Income. The actual income for the year, *viz.*, Rs. 95.45 lakhs shows an increase of Rs. 8.17 lakhs over that of the preceding year, *viz.*, Rs. 87.28 lakhs. The main items contributing to the increase were (1) Land Revenue Realizations, Rs. 0.63 lakh (2) Contribution from the Corporation Rs. 1.58 lakhs, (3) Tobacco Duty Receipts, Rs. 5.87 lakhs, and (4) Miscellaneous Receipts, Rs. 0.09 lakh.

Details of Expenditure. The actual expenditure for the year, *viz.*, Rs. 97.94 lakhs shows a decrease of Rs. 5.53 lakhs over that of the previous year, *viz.*, Rs. 103.47 lakhs. This is made up of a decrease of Rs. 6.28 lakhs due to repayment of excess amount of Contribution received from the Municipal Corporation and a decrease of Rs. 0.14 lakh under Debt Charges counterbalanced by an increase of Rs. 0.89 lakh under Maintenance of Properties and Streets.

Capital Account.

Expenditure on Schemes. The expenditure on Capital Works during the year amounted to Rs. 4.97 lakhs.

Loan floated in the year. There was no fresh borrowing during the year.

Loan Liabilities. Reduction of debt during the year amounted to Rs. 5.08 lakhs. The loan liabilities of the Immprovement Schemes at the close of the year stood at Rs. 1,612.81 lakhs. The total Sinking Fund required upto 31st March 1944 was Rs. 286.96 lakhs but the actual value was Rs. 334.79 lakhs as under :—

	Rs.
Public Securities of the Market value of ...	333.56 lakhs
Interest accrued on the above Securities upto 31st March 1944	1.23 lakhs
Total ...	334.79 lakhs.

IV.—ASSESSMENT AND COLLECTION.

Rate of taxation. The rates of taxation in respect of lands and buildings were the same as in the preceding year, *viz.*, general tax (including fire tax) 11½ per cent. water tax 3¾ per cent. and halalkhor tax 3 per cent. The rates levied for the supply of water by meter measurement continued to be the same as in the preceding year and varied from annas 10 per 1,000 gallons to Re. 1 per 1,000 gallons according to the different classes of consumers.

Number of properties. The total number of properties on 31st March 1944 was 49,016, against 48,967 on 31st March 1943.

Demand, Collection and Outstandings. The net demand in respect of property taxes was Rs. 340.28 lakhs, collection Rs. 315.33 lakhs and outstandings at the end of the year Rs. 24.95 lakhs, against Rs. 322.84 lakhs, Rs. 286.31 lakhs and 36.53 lakhs, respectively in the previous year. The net demand in respect of wheel tax amounted to Rs. 17.15 lakhs and collection to Rs. 13.75 lakhs, leaving an outstanding of Rs. 3.40 lakhs. The aggregate outstandings at the close of the year amounted to Rs. 28.35 lakhs against Rs. 38.20 lakhs in the preceding year. The former was reduced to Rs. 16.89 lakhs by 15th of June 1944. The percentage of outstandings to the net demand was 7.9 against 11.3 in the preceding year, and if the factors beyond the control of the Ward staff were taken into account, the percentage would stand reduced to 2.17 against 3.2 in the preceding year.

Rateable Value. The net rateable value of properties in the City at the close of the year was Rs. 1,593.54 lakhs, against Rs. 1,463.64 lakhs in the previous year. There were 39 appeals against rateable values, of which 9 were settled out of Court, 2 dismissed and in 11 the values were partly reduced by the Court and 17 were pending.

Riot Tax. Out of the total amount of Rs. 39.35 lakhs to be collected in connection with the riots that occurred between 1929 and 1941, a sum of Rs. 38.04 lakhs was collected upto the close of the year, leaving a balance of Rs. 1.31 lakhs.

Urban Immoveable Property Tax. The net demand in respect of this tax was Rs. 100.92 lakhs, collection Rs. 93,21 lakhs, refund Rs. 6.60 lakhs and drawback Rs. 1.18 lakhs. The percentage of collection to the net demand was 92.4

The outstanding events of the year were (1) revision of rateable values of textile and other mills, (2) revision of assessment of owner-occupied properties situated on Malabar and Cumballa Hills (3) revision of some of the printed forms in use with a view to economy (4) rounding up of the hand-carts and bullock-carts which had escaped tax hitherto, (5) arrangement with the Royal Western India Turf Club for collection of the tax on Race horses and (5) the separation of the Motor Branch for co-ordinating work and improving efficiency.

General.

V—TOWN DUTIES AND ELECTIONS.

Revenue from Town Duties.

The rates on all articles liable to Town Duty continued to be the same as in the previous year. The net receipts from Town Duties amounted to Rs. 16.90 lakhs against Rs. 15.46 lakhs in the preceding year. There was an increase in the receipts from Grain, Wines and Spirits and Timber but a considerable decrease occurred in the receipts from Ghee.

Refunds.

The total number of claims for refund received during the year was 5,880 and the amount refunded was Rs. 3,83,482 against 14,394 claims and Rs. 8,56,317 refunded during the preceding year. The fees for stamping sugar bags and sealing ghee tins amounted to Rs. 25,872 against Rs. 48,708 in the preceding year.

Miscellaneous.

The proposal of the Municipal Corporation to amend Schedule 'H' to the City of Bombay Municipal Act so as to enable the Corporation to levy town duty on certain additional articles is still pending with Government awaiting consideration on the restoration of Provincial Autonomy.

Election Section

In pursuance of Sections 19 and 21A, the Municipal Election Roll and the Roll of Delegates were revised and published on 20th December 1943 as required by Section 20 of the Municipal Act.

During the year 18 Casual Vacancies in the Office of Councillors from the General Wards and one in the Office of Councillor from the Indian Merchants' Chamber occurred. These vacancies were filled up by the re-election of 17 old Councillors and 2 new Councillors.

There were 41 cases of impersonation in the By-Elections, and in the majority of cases the personators were convincted and fined Rs. 15 or in default to undergo 10 days rigorous imprisonment.

The next General Elections were to be held in 1945 on the basis of adult franchise but they have been postponed and the term of the Corporation has been extended by two years, *i.e.*, upto 31st March 1947 as Government considered that adult franchise being a far-reaching innovation and a political experiment, the proper time to introduce it would be when conditions become normal.

VI.—PUBLIC WORKS..

Architectural Branch.

Maintenance of Municipal properties

The total number of Municipal and *ex*-Trust properties maintained during the year was 2,271. Fifteen properties were demolished on account of their being either in an unsound condition or being required to be pulled down in connection with the development schemes. The total amount realised from the sale of materials of the demolished properties was Rs. 9,299-7-0.

The work of repairs and maintenance of these properties was entrusted to the contractors, Messrs. E. Kadar & Co., and Messrs. Nirmala & Co., for Divisions Nos. I and II respectively and their rates were as under:—

Division No. I comprising A, B, C, D and E/East Wards. } 22 per cent. premium above the schedule rates.

Division No. II comprising E/West, F and G Wards, etc. } 21 per cent. premium above the schedule rates.

The work of monsoon repairs as well as of lime washing the properties and also urgent repairs were carried out departmentally as it was found economical.

New works estimated at Rs. 69,012 as also special repairs works costing Rs. 25,605 were carried out during the year under report.

Loan Works

Loan works estimated at Rs. 5,50,837 were carried out during the year. Due to scarcity and high cost of materials on account of war, only works which were of an urgent nature were taken in hand; some of the important works are mentioned below:—

	Estimated cost. Rs.
(1) Reconstruction of the damaged sea-wall at the Biological Installation at Banganga, Walkeshwar.	72,306
(2) Constructing washing places and water-closets for Maung Garudi camps at Dharavi	55,277
(3) Gunite treatment of Block 'A' of the Health Department chawls at Palton Road ...	1,01,418

Owing to the outbreak of small-pox epidemic during the closing months of the year under report, steps were taken under Section 64(3)(*c*) of the Municipal Act to provide additional accommodation at the Arthur Road Infectious Diseases Hospital and two semi-permanent wards were constructed through the Municipal contractors, Messrs. F. E. Cooper and J. B. Banker at an estimated cost of Rs. 60,000.

Building Branch.

Private Building construction

The total number of applications received for the construction of new buildings was 1,581 against 1,650 during the previous year. There has been a fall in the number of applications received during the last two years owing to non-availablity of building materials on account of the war and also on account of the restrictions imposed by Government on the construction of new buildings.

The number of one-room tenements constructed was 159, two-room tenements 83 and blocks 106 against 780, 555 and 614 respectively in the previous year and the number demolished during the year was 253, 8 and 5 respectively.

The number of prosecutions launched for enforcing building bye-laws was 1,131, of which 555 were withdrawn, 5 ended in warning and discharge, 192 resulted in convictions and 379 were pending against 881, 546, 3, 166 and 166, respectively in the preceding year.

The total number of buildings or portions thereof which collapsed during the year was 45 against 37 in the preceding year, resulting in injuries to 10 persons and 1 being killed against 7 injuries and 1 killed in the previous year.

Set-backs. Setbacks valued at Rs. 3.16 lakhs were acquired and paid for during the year under report against Rs. 3.24 lakhs in the previous year, costly setbacks being paid for by annual instalments as usual. The liabilities outstanding in respect of the acquisition of setbacks amounted to Rs. 9.76 lakhs against Rs. 10.41 lakhs in the previous year. The area added to the road was 6,477.76 square yards and the cost thereof was Rs. 1,00,991-13-0.

Stall board and weather-frame projections The total revenue realised from stall-board and weather-frame projections during the year was Rs. 1.44 lakhs against Rs. 1.36 lakhs in the previous year. The policy already adopted for withdrawing or not renewing permission for stall-boards or weather-frame projections in the congested thoroughfares is being continued.

Subvention Further action for the compulsory conversion of basket privies into water-closets on full flushing system in F and G Wards was suspended as the Standing Committee did not seem to be in favour of pursuing the action (*vide* their Resolution No. 1658, dated the 18th February 1942). Only 7 privies were converted during the year under report. This brings the total number number of privies so far converted under the scheme to 3,417.

Cement authorization to private house-owners Under the scheme for the distribution of cement in the City, the Provincial Government have authorised the City Engineer to issue authorisation certificates to private house-owners for obtaining cement for carrying out urgent and essential repair works to the properties in compliance with the provisions of the Municipal Act. In all 2,419 applications were received and after scrutinizing them certificates for cement aggregating to 3,474 tons were issued.

Revision of building regulations and bye-laws The proposals for amending the present Building Regulations and Bye-laws are still under the consideration of the Works Committee. The Codes for the steel structures and for R.C.C. construction have been approved by the Works Committee and are now before the Corporation.

Inventory of Municipal properties The inventory of Municipal properties (excluding *ex*-Trust properties) inside and outside the City has been completed. The statements prepared in this connection are being verified by the Chief Accountant and will be submitted to the Corporation as soon as they are ready.

Mechanical Branch.

Workshops The total expenditure on departmental and private works carried out in the Municipal Workshops amounted to Rs. 2.26 lakhs against Rs. 2.32 lakhs in the preceding year and that on the upkeep and overhead charges amounted to Rs. 0.76 lakh which works out to 33.6 per cent. on the expenditure incurred on labour and stores used on the execution of the jobs against 28 per cent. in the preceding year.

Dadar Purification Works The total volume of sewage received at the Dadar Purification Plant amounted to 4,558.11 million gallons and the total crude sludge digested at the digestion plant amounted to 18 million gallons. The quantity of sludge gas generated amounted to 22,341,800 cubic feet, the average per day being about 61,210 cubic feet. This gas was continued to be used by the K. E. M., Hospital and its staff, Seth G. S. M. College, Lady Students' Hostel, etc. In addition to these Institutions, the supply was started during the year to the Turner Sanatorium at Bhoiwada and Ramesh Premchand Tuberculosis Hospital at Sewri which has been requisitioned for the use of the Royal Indian Navy as a Hospital. The total gas consumed by these institutions amounted to 8,735,300 cubic feet resulting in a net saving of Rs. 23,364-6-0. The remaining gas was allowed to burn.

With a view to arresting this waste, the gas compressor plant was erected in December 1942. One motor lorry which was converted from petrol to gas drive worked satisfactorily as a regular transport unit and consumed 216,500 cubic feet of gas resulting in a saving of Rs. 3,161 in the cost of petrol. It is expected that six more lorries would be converted from petrol to gas drive in the next official year.

As stated in the previous year's report, the excess quantity of sewage continued to be received at the Purification Plant which had necessarily to be diverted to the open storm water drain after chlorination. The situation can only be improved after the plant is extended, the scheme for which has been already sanctioned by the Corporation but the work could not be taken in hand for want of materials.

Pumping Stations The average quantity of sewage pumped out at Love Grove pumping station in dry weather was about 66.2 million gallons per day, while during the rainy season it amounted to 66.9 million gallons per day and the cost per million gallons worked out to Rs. 6.45 against Rs. 6.19 in the preceding year. The Scheme for dealing with the problem of sewage disposal at Love Grove which has been approved by the Corporation could not be taken in hand due to the scarcity of materials on account of war.

All the remaining pumping stations worked satisfactorily during the year and the total approximate quantity of sewage pumped was 5,761 million gallons and their working cost was Rs. 85,839. The additional pumping station constructed at Jacob Circle is expected to be brought into operation in the next official year.

Compressor and Ejector Stations All the Ejector Stations in the City operated by the four Compressor Stations worked satisfactorily during the year and the total expenditure incurred on their maintenance amounted to Rs. 1.70 lakhs against Rs. 1.62 lakhs in the preceding year.

Inspection of Factories, Workshops, etc. There were 562 new proposals which were inspected and disposed of. The complaints received in respect of the existing factories, etc., were investigated and necessary steps taken.

Motor Transport There were 87 vehicles in commission during the year and the total expenditure incurred on their running was Rs. 6.38 lakhs.

Refrigeration Plant at Arthur Crawford Market The plant at the Arthur Crawford Market has long outlived its normal life and is required to be replaced by a new one. This is, however, not possible during war time. Every endeavour was nevertheless made to maintain the plant in a working condition.

The maintenance cost of the Pumping and Compressor Stations and also of the Dadar Sewage Purification Works has considerably increased due to abnormal rise in the cost of materials and spare parts and also on account of longer working hours of the machinery necessitated by the increased population of the City.

Works Branch.

New Works The cost of road and drainage works carried out during the year amounted to Rs. 6.34 lakhs, out of which works costing Rs. 5.75 lakhs were carried out departmentally and the rest were carried out by contract.

Asphalt Plant and Crushers The Asphalt Plant had to be entirely kept closed during the year as asphalt was not available. One Crusher at Worli and two Crushers at Sewri were worked during the year by contract labour. The remaining crushers were not worked as there was less demand for metal owing to the reduced number of works. The total output of these Crushers was 5,398 brass at a cost of Rs. 1.87 lakhs.

Repairs and maintenance of roads and footpaths The total mileage of roads in the City at the close of the year was 263 miles. The cost of repairs and maintenance of different types of road surfaces, including watering, amounted to Rs. 3.21 lakhs. The portion of the Jerbai Wadia Road which was treated with "Shalimar" tar as an experimental measure has stood well during the year. Further portion of the same road has been simiarly treated during the year under report and both the portions are kept under observation.

It may be remarked that the surface of many roads in the City has considerably deteriorated owing to heavy rains. Their condition has been further worsened by heavy military traffic with the result that an unusual strain has been put on the roads in the City. The roads treated with sheet asphalt have suffered most as the supply of asphalt needed for repairs and maintenance is not available. Consequently all repairs to patches had to be done in cement or tar as was done in the previous year. Renewal of road surfaces in sheet as phalt is also being done in cement concrete which is found to be cheaper and is expected to wear well on kerb-sides. The activities of the Road Department had, therefore, to be restricted only to very urgent works after securing licences from Government for the supply of controlled materials.

Refuge Islands and Guard Railings Only two refuge islands at (1) Sion Causeway and (2) Mahim Causeway were constructed permanently at a total cost of Rs. 2,264-6-0 which was wholly borne by Government. Four pedestrian guard railings were constructed at Government cost and the expenditure incurred amounted to Rs. 9,891-2-0.-

Replacement and Planting of new trees. During the year 542 new trees were planted along roadsides at a cost of Rs. 6,298, out of which 192 were planted on roads where no trees existed before and the rest replaced casualties and the expenditure incurred amounted to Rs. 3,828-2-0. The total expenditure incurred on the maintenance of roadside trees amounted to Rs. 7,507-10-0.

Motor Traction and Road Rollers The total number of motor lorries and trucks in the Road Department was 29 and the expenditure incurred on their working amounted to Rs. 1.55 lakhs. The total number of road rollers was 26, out of which 22 were steam driven and the rest were petrol driven. The expenditure on their repairs and maintenance amounted to Rs. 54,309.

Income The following amounts were realised by way of rent on account of permits issued for occupation of public streets, opening of trenches, way leave, roadside lettings, etc.:—

		Rs.
(1) Temporary permits	...	13,544
(2) Occupation of roads for miscellaneous purposes	...	27,623
(3) B.E.S. & T. Co., Ltd. (Tram tracks)	...	66,944

No way leave rental was received from the Telephone Company during the year since the telephone concern was taken over by the Central Government from 1st April 1943.

Maintenance of drains and sewers The total mileage of pipe sewers at the end of the year under report was 206.17 against 204.83 in the previous year, out of which a length of 116.76 miles was cleaned during the year. Out of the total mileage of 17.18 of ovoid sewers, a length of 8.60 miles was cleaned. The total length of the storm water drains in the City at the close of the year was 208.59 against 208 in the preceding year; a length of 9.60 miles was cleaned during the year.

Public Street lighting The total number of street lamps at the end of the year was 10,825 against 10,749 in the preceding year. The number of lamps under each class and the expenditure incurred on their lighting during the year was as under:—

Nature of lamps.		Number of lamps.	Expenditure incurred. Rs.
(1) Gas lamps	...	8,749	5,77,154
(2) Electric lamps	...	1,919	2,29,766
(3) Bannister (Incandescent) Oil lamps	...	157	35,201
Total	...	10,825	8,42,121

An additional expenditure of Rs.24,847-15-0 was incurred on the erection of new lamps and on repairs and maintenance of old ones. A sum of Rs. 43,680 was paid to the Bombay Port Trust for lighting and maintenance of lamps on roads and wharves in the Dock areas. Thus the total cost on account of public lighting amounted to Rs. 8.67 lakhs against Rs. 9.87 lakhs in the previous year, exclusive of the contribution paid to the Bombay Port Trust. Owing to improvement in the war situation, the restrictions imposed on public lighting were relaxed by Government from October 1943.

A. R. P. Works For the same reason several A.R.P. works entrusted to the Municipality were discontinued under the orders of Government with effect from December 1942 except (1) Provision of aids to movements of traffic in darkened streets and (2) Housing accommodation of the staff of the essential services.

Provision of aids to movement of traffic The kerbs and centre lines of certain roads in the City were continued to be painted at the cost of Government in order that the roads could be made more visible to vehicular traffic and the expenditure incurred amounted to Rs. 53,074.

Housing the staff of essential services The requisitioned buildings were continued to be occupied by the staff of the essential services during the year. Out of the 16 buildings in occupation, it was possible by reshuffling the staff to release 4 whole buildings and a part of the fifth one to the owners and some rooms in the ex-Trust chawls. At the close of the year the monthly rent payable for these buildings was reduced from Rs. 24,575 to Rs. 21,403. This rent was being borne equally by Government and the Municipality until December 1943, when Government intimated to me that they had decided not to

share the payment of rent of these buildings from 1st February 1944. However, on a representation made to Government it was agreed that reasonable rents should be recovered from the employees taking into consideration the rents paid by them for their former quarters and their paying capacity and the excess should be borne equally by Government and the Municipality. This arrangement should continue for one year after which the question would be reviewed. Owing to this arrangement the financial liability of the Municipality has been reduced by 50 per cent.

KURLA-DEONAR RAILWAY WORKS

Removal of Town refuse to Deonar

The Town refuse was, as usual, transported to Deonar in Railway wagons. The total refuse so removed was 2,50,920 tons against 2,47,824 tons in the previous year and the cost of its removal and disposal at Deonar amounted to Rs. 3.32 lakhs against Rs. 2.99 lakhs in the previous year. The rolling stock of the Municipal wagons was 181 and the cost of their maintenance including Railway sidings amounted to Rs. 67,961 against Rs. 60,247 in the previous year.

The work of unloading the wagons was carried out by departmental labour housed at Deonar at a cost of Rs. 93,282.

Income

The reclaimed land at Deonar was let out for cultivation as usual, which together with the right of fishing in the "Khajans" and temporary lettings of land, fetched a sum of Rs. 44,043 against Rs. 32,133 in the preceding year.

VII.—ESTATES AND LAND MANAGEMENT

New Schemes.

Scheme 72, Tripartite Road Improvement Scheme.—The scheme is completed so far as the acquisition work is concerned. The construction of the proposed Tripartite Road is in progress. In the Reference filed in the High Court by the claimant of Case No. LAQ/33/1, points of defence have already been drafted by Government Solicitors in consultation with the Expert Valuer. The Reference will appear on the Board of the High Court for hearing shortly.

Scheme 73, Paltan Road Estate, Improvement Scheme for accommodating poorer and working classes.—The construction of the third and last block, which is the only work remaining, will be taken in hand as soon as the restrictions on the construction of buildings are removed by Government.

Scheme 74, Sion-Over-Bridge, Improvement Scheme—Out of the 3 properties in the Scheme, 2 properties bearing Case Nos. 38/2 and 38/3 have been acquired. The proposal for an amicable settlement of acquisition in respect of the remaining property, *viz.*, Case No. LAQ/38/1 has been sanctioned by the Corporation under their Resolution No. 880, dated the 13th January 1944 and the case is proceeding before the Land Acquisition Officer.

Slum Service and Clearance.

During the year under report, the under-mentioned works in connection with the service of slum areas in the City were carried out:—

1. Construction of drains and filling in S. W. Channels from Fergusson Road to Haines Road.—The drain has been already laid and the channel filled up. The work of providing an over-flow connection has been completed departmentally.

2. Closing of open storm water channels from Worli Road to Sluices.—The work has been held in abeyance for want of materials due to war conditions. The portion excavated has been filled up.

3. Realigning and regrading open S. W. Channles from Dadar Pumping Plant upto Century Mills.—The work of covering a portion of 55 feet in length of the open drain has been completed departmentally.

Scheme for Slum Clearance and Town Planning.

1. Scheme for the widening of Kelewadi Lane to 20 feet and extending it to meet Queens Road in front of Charni Road Railway Station.—Negotiations with the owners of the properties that are affected by the Scheme are in progress. The passage will be thrown open to the public as soon as the land is acquired.

2. Proposal for the lay-out of 72 feet Road connecting Girgaum Road with Queens Road and 40 feet Road connecting 72 feet Road with Mangalwadi.—The execution of the scheme has been postponed till the amendment of the Municipal Act with a view to facilitating the removal of slums in this City is made by Government and in the meantime road lines are being prescribed.

3. Improvement of Lohar Chawl Lane off Wanzawadi at Mahim.—It is proposed to notify this scheme shortly under Section 354(1)(*i*) of the Municipal Act.

4. Mahim Development Schemes.—The Corporation are being requested to approach Government for the application of the Town Planning Act to this area.

The proposal for the amendment of the Municipal Act with a view to facilitating the removal of slums in the City is under the consideration of the Law, Revenue and General Purposes Committee and the Corporation.

Acquisition of Lands.

The acquisition of Case No. 7-A of Scheme 58, has been completed. Three other cases having an area of 4,649 square yards still remain to be acquired.

Changes in the ex-Trust Estates.

The area of the permanently leased land increased during the year from 46 lakh square yards to 48 lakh square yards and the rent in respect thereof increased from Rs. 37.8 lakhs to Rs. 38.8 lakhs. The area of developed land remaining to be leased was 4.9 lakh square yards against 6.5 lakh square yards in the preceeding year. The area of undeveloped land was reduced from 60.9 lakhs square yards to 60.5 lakhs square yards. It will be seen that at the end of 1943-44 out of a total of about 2,879 acres vested in or acquired by the Trust, about 43 per cent. remained to be developed, and of the developed area, about 9 per cent. remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remain to be leased is estimated at Rs. 18 per square yard.

Dishousing and accommodation.

There were practically no vacancies in the chawls during the year under report. Members of the menial staff, who are entitled to receive house rent allowance, continued to occupy rooms rent-free in lieu of the house rent allowance. Their number was 460 on 31st March 1944. Railway passes are being issued at municipal cost to such of them as are obliged to reside beyond one mile from their place of work.

During the year, 10 acquired buildings containing 58 tenaments and 3 garages were demolished.

The new residential accommodation made available in the houses erected by the lessees of the *Ex*-trust Estates during the year, excluding shops and other non-residential quarters, amounted to 63 tenements.

The total number of tenements provided up-to-date in all the *Ex*-trust Estates including those erected by the Development Department and several Mills exceeds the total number of tenements demolished by 31,037.

Disposal of lands (long leases). The number of plots let during the year was 124 comprising a total area of 1,91,773 square yards (40 acres) and valued at Rs. 36,28,023. No plots were resumed during the year. The total number of plots disposed of upto the end of 1943-44 is 3,608 with an area 48,12,909 square yards (994 acres) valued at Rs. 9,38,70,580 and having an annual rent of Rs. 38,82,982. The rate at which the ground rents are capitalised in the various tables in this report is at 22½ years' purchase for plots let before 23rd November 1920 and at 18 years' purchase thereafter.

Short leases.—There were 647 acquired buildings in charge of the Bombay Municipality (Improvements) at the commencement of the year. 10 buildings were demolished and 4 were sold. Thus at the end of the year there were 633 buildings containing 5,422 tenements.

Rent Collection and outgoings. The rents realised from acquired buildings in 1943-44 aggregated to Rs. 7,48,652 and the total temporary revenue realised during the year to Rs. 10,69,149 which compares favourably with the corresponding figures of the previous two years.

The increase in revenue is due to a large area let to Government for Military purposes.

The full letting value of the 10,289 rooms including shops, godowns, looms, etc., in the *Ex*-trust Chawls was Rs. 9,62,211 as on 31st March 1944.

The gross demand of the *Ex*-Trust chawls for the year was Rs. 9,62,211. The net demand for the year after excluding the amount of Rs. 1,314 for vacancies and Rs. 42,980 for concessional rents was Rs. 9,17,920. The revenue actually collected came to Rs. 9,14,584 which is equivalent to 99.64 per cent. of the net demand for the year.

The gross demand for the year 1943-44 of 2,482 rooms in the semi-permanent sheds including the permanent ground floor rooms and sheds known as Labour Camps was Rs. 1,60,523. The net demand for the year (excluding Rs. 334 for vacancies and Rs. 3,723 for concessional rents) was Rs. 1,56,466. The amount actually collected came to Rs. 1,59,029 which is equivalent to 101.63 per cent. of the demand.

On the basis of the maximum annual rental of Rs. 9,62,211 of full letting value of the chawls on 31st March 1944, the total outgoings come to 52.01 per cent. out of which 0.13 per cent. is due to vacancies, which means that the actual outgoings are 51.88 per cent.

The gross annual income from the permanent chawls came to Rs. 9,14,584 or 6.04 per cent. of the cost of chawls, *viz.*, Rs. 151.53 lakhs including the value of land. Deducting the outgoings of Rs. 4,99,000 the net income came to Rs. 4,15,584. The Corporation have to pay interest and sinking fund charges at the rate of 4.61 per cent. of the Capital expenditure prior to 1919-20 and at 6.35 per cent per annum of the expenditure incurred subsequent thereto. This amounts to 8.88 lakhs per annum showing a loss of about 4.26 lakhs for the year and is equivalent to a loss of about 41.37 per room per annum.

The average population in the Chawls during 1943-44 was 45,168 as against 38,322 and 33,259 in 1942-43 and 1941-42 respectively, whilst the corresponding figures for semi-permanent sheds (excluding Labour Camps) were 6,113, 5,816 and 4,365 respectively.

The death rate in the *Ex*-trust Chawls during the year was 5.8 per 1,000 against 5.0 and 8.1 in the year 1942-43 and 1941-42 respectively.

Legal Proceedings. In the year under review, 439 ejectment and claim suits were filed against the tenants who had run into arrears and the total cost incurred in respect of these suits came to Rs. 4,473-10-0, which was recovered during the year along with Rs. 54-8-0 being the amount of arrears of the preceeding year.

Land Acquisition and Management. *Scheme for revising the lay-out of Hornby Road to Ballard Pier.*—The reference filed by the claimant in Case No.L.A.Q./1/5 has been settled as per terms and conditions sanctioned under Standing Committee Resolution No. 781, dated the 1st September 1943 and a consent decree for a sum of Rs. 2,500 has been passed against the Municipality by the High Court, each party to bear its own costs of reference.

The Reference filed by the claimant in Case No. L.A.Q. 1/6 has also been settled as per terms and conditions sanctioned under Standing Committee Resolution No. 814 dated the 9th September 1943 and a consent decree for a sum of Rs. 3,500 has been passed against the Municipality by the High Court, each party to bear its own costs.

Acquisition of the Khardi Village Gaothan (Thana Didstrict) for prevention of contamination of Tansa Catchment.—The Government of Bombay have been informed of the approval of the Corporation to the proposal to advance Rs. 35,000 to the District Local Board to be adjusted subsequently against compensation to be awarded by the Land Acquisition Officer for providing one tank and six wells for water supply in the new Gaothan, subject to certain conditions. The decision of Government to notify the properties included in the old gaothan under Section 6 of the Land Acquisition Act is awaited.

Acquisition of land for the proposed 40 feet and 50 feet Roads off Lady Jamshedji Road.—Notification under Section 6 of the Land Acquisition Act for acquisition of the two properties included in the scheme has been published by Government and the case is now proceeding before the Land Acquisition Officer under Section 6 of the Land Acquisition Act.

Acquisition of properties off Maruti Street, bearing C.S. Nos. 851 and 867 of Fort Division in connection with the construction of the proposed extension of the 60 feet Parsi Bazar Street.—Notification under Secction 4 of the Land Acquisition Act for the acquisition of the two properties included in this Scheme has been published by Government. The claimant being a person of unsound mind, the High Court has sanctioned the appointment of a manager to look after the affairs of the claimant in the acquisition proceedings. The Collector of Bombay has been requested to arrage to issue a Notification under Section 6 of the Land Acquisition Act.

Mahim Development and other Schemes. *Taking over the maintenance of the Sewerage Pumping Station of the Bombay Development Department Chawls originally erected by Government. C.S. No. 147 part of Sewri Division.*—The proposal to take up the sub-lease of the site from Government for 82 years from 20th August 1940 has been sanctioned by the Improvements Committee under their Resolution No. 560, dated the 26th January 1943. The draft sub-lease prepared by Government has been approved by the Municipality and returned to Government for engrossment.

Acquisition of land for the construction of a Town Duty Office at Duncan Causeway, Sion.—The claimants with whom negotiations for the purchase of the land required for a Town Duty Office were carried on are not prepared to part with the land, and it will, therefore, be necessary to acquire it under the Land Acquisition Act. The unexpired period of the lease in favour of the claimants is only about 18 years and as Government interest

in the land cannot be acquired a reference has been made to Government inquiring whether they can give the land to the Municipality on a long lease after the expiry of the existing lease.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—The Corporation have sanctioned a portion of the land admeasuring about 8,000 square yards required for the Scheme being taken from Government on 999 years' lease. Government are being requested to arrage for the preparation of the draft lease in respect of this land so that the Municipality may formulate an Improvement Scheme under Chapter XII-A of the Municipal Act.

Acquisition of land for Improvement Scheme for the area around Lohar Gully Wanzawady-Mahim.—Estimates for the acquisition of the properties included in the Scheme have been prepared. The Corporation have, under their Resolution No. 1032, dated the 11th February 1943, approved of a notification being issued under Section 354C(1)(*b*)(*i*) of the Municipal Act with a view to formulating an Improvement Scheme for the area around Lohar Gully. The required notification is being drafted.

Acquisition of land out of properties in C.S. Nos. 521, 335 and 1208, Mahim Division, under Land Acquisition Act, Mahim Development Scheme.—Negotiations for the acquisition of the lands by amicable settlement are in progress and the proposal will be submitted to the Improvements Committee for sanction to the settlement and acquisition of land under the Land Acquisition Act.

Revenue Suit No. 1 of 1940—Assessment of Crawford Market to Land Revenue.—The Revenue Suit filed by the Municipality in this case having been dismissed with costs by the Revenue Judge, an appeal has been filed and it is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank Site resumed by Government.—Negotiation have been opened with Government to hand over to the Municipality possession of the triangular piece of land from the Haffkine Institute compound required for the purpose mentioned above.

Construction of 40 feet road in Case No. 2, Scheme 53 and grant of access to the owners of property bearing C.S. N. 253, Tardeo Division on payment of betterment chrages, etc.—The proposal has now been sanctioned by the Improvements Committee and the Corporation and arrangements are being made to remove the fencing etc. The construction of the road will be taken in hand in due course.

Lease of Port Trust land at King Edward Road for the provision of a Public Urinal.—Negotiations have been opened with the Bombay Port Trust in connection with the land required for a public urinal. The Port Trustees are prepared to lease the land to the Municipality subject to certain conditions, which are under consideration.

Special Road Scheme.

Hornby Road to Ballard Pier Scheme.—The total rent recoverable from the Scheme during the year amounted to Rs. 1,922-5-0. The previous year's recovery was Rs. 11,250-5-0. The drop in revenue is due to the demolition of properties in Ghogha Street which were fetching a rent of Rs. 9,328 per annum.

Paltan Road Estate.—The Semi-permanent sheds in this Estate are let to poor tenants. The total rent recoverable from the Estate during the year amounted to Rs. 11,892. The previous year's realization was Rs. 9,950.

No appreciable change could be effected in other Schemes.

VIII.—WATER WORKS.

Water Supply.

1. The total quantity of water supplied to the city and suburbs during the year from various sources was 41,820 million gallons, of which 34,350 million gallons were supplied to the city from Tansa (93.85 million gallons per day), 6,193 million gallons from Vehar (16.92 million gallons per day), and 1,277 million gallons were supplied to the Suburbs from Tulsi (3.49 million gallons per day). The Powai Lake remained unused as before. The average supply per day was 114.26 million gallons, *i.e.*, 15.48 million gallons more than in the previous year. This amounted to 73.69 gallons per head per day for all purposes on the basis of the population recorded at the cesus of 1941, *i.e.*, 9.75 gallons per head per day more than in the preceding year. The minimum and maximum supply per day amounted to 98.90 and 124.10 million gallons respectively. The approximate quantity of water used for various purposes was 4.20 per cent., for mills, 3.16 per cent., for Railways and Port Trust, 3.91 per cent., for Suburbs, 65.876 per cent., for domestic supply, 12.904 per cent., for other purposes, such as, Drainage, and Sewerage works, Public conveniences, Hospitals, Charitable Institutions, Milch cattle and other stables, Gymkhanas and Playgrounds, Race Course, Laundries, Hotels, Fire purposes, Road washing, Gully flushing, etc., and 9.95 per cent., was wasted due to leaks and other unaccountable losses.

Rainfall.

2. The rainfall at Tansa, Vehar and Tulsi was above the average of the preceding quinquennium. The Tansa lake overflowed for 78 days, Tulsi for 70 days and Powai for 39 days. The Vehar lake did not overflow during the year.

Trunk and Distributary Mains.

3. 197 miles of trunk mains of various sizes consisting of steel and cast iron mains and 27½ miles of masonry duct including 9 venturi meters, 153 hand-operated sluice valves, 7 hydraulically operated 36" and 48" sluice valves, 52 pressure gauges and recorders, 35 burst alarms, 121 air valves etc., were maintained during the year. 373.07 miles of trunk and distributary mains of various sizes were also maintained during the year within the city. There was no burst on the trunk mains, but heavy leaks had occurred in the 57" East Tansa main near Sahar Anchor Block, in the 24" Tulsi main near Vakola Creek and Marol Venturi House and in the 32" Vehar main near Swing bridge. In addition to this there were 18 bursts on various mains within the City.

Embankment and Trolley Track.

4. 118 miles of embankment including cuttings, carrying the pipes and trolley track were maintained. Out of a total length of 81.5 miles of trolley track only 65 miles were maintained for transport purposes for want of adequate funds.

Sterilization of Water Supply.

5. The entire supply from the Tansa lake was chlorinated at the chlorination plants at Powai and Ghatkoper, while the Vehar supply was chlorinated at the chlorination plant at Powai. The total cost of chlorination was Rs. 1,72,367 *i.e.*, Rs. 4-4-7. per million gallons. The policy of maintaining a certain residual dose of chlorine at Powai was continued. The Tulsi Supply was treated with liquid chlorine, ammonia gas, ammonium sulphate and alum, a major portion of the cost of which was borne by Government, as most of the supply was used for the suburbs. The existing masonry storage tank for the ammonium sulphate solution at Powai being found unsuitable to resist the corrosive action of the solution, a cast iron overhead tank was erected and put into commission. So far the tank has stood satisfactorily the corrosive action of the Ammonium Sulphate solution.

6. Fortnightly bacteriological and analytical tests of all the lake waters before and after chlorination were carried out throughout the year. The purity of water after sterilization maintained during the year conformed to the standard laid down by the Ministry of Health in England.

Bacteriological and Analytical Water Tests.

7. For distribution purposes the City is divided into three main divisions, (1) south and west (2) east and (3) north which were supplied water from the Malabar Hill Reservoir, the Bhandarwada Hill Reservoir and directly from the trunk mains respectively. In all cases the supply was restricted for certain hours except in the localities of Walkeshwar Road, Malabar Hill lower portion, Napean Sea Road, Narayan Dhabolker Road, Bombay Port Trust Docks and Royal Indian Navy Dockyard where the supply was, for all the 24 hours of the day. The high level areas of Ridge road, Gibbs road, Charmichael road and Altamont road were supplied with water from the high level tank at Malabar Hill, and for the high level localities of Dongri and Mandvi the pressure was boosted up by two electrically driven pumps situated at the Bhandarwada Hill Reservoir.

Distribution of Water in the City.

8. The gardens along the slopes of Gibbs and Ridge roads, the Sir Phirozshah Mehta Gardens at Malabar Hill, the Joseph Baptista Gardens at Bhandarwada Hill and six gardens outside the city were maintained during the year. All the gardens except the Joseph Baptista gardens at Bhandarwada Hill were open to the public throughout the year.

Gardens.

9. At the vegetable, fruit and flower show held at the Brabourne Stadium, both the Sir Phirozshah Metha Gardens and the Joseph Baptista gardens competed under different classes. Several prizes were awarded to the two gardens, amongst which was the Municipal Commissioner's cup for public gardens which was awarded to the Sir Phirozshah Metha gardens. The total amount collected in prize money including the cup was Rs. 250.

Vegetable, Fruit and Flower Show.

10. 211 new house connections were given during the year bringing the total number of water connections to different premises in the city to 51,399.324 prosecutions were launched for infringement of the provisions of the Municipal Act and for violating Bye-laws relating to Water Works. 174 works, such as, giving connections etc., to private parties were carried out at their cost amounting to Rs. 3,982.

House connections.

11. 78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs, 60 stand pipes and 2 dipping wells were open to the public and maintained during the year.

Fountains and Cattle toughs.

12. 12,805 defects, 6,880 underground and 5,925 overground were detected and repaired during the year. The total length of water mains tested for leakage by Deacon Meters and by sounding was 369 miles and 141 miles respectively. The number of notices issued to the owners of private premises for defects in water fittings was 4,068.

Defects in water mains and their testing.

13. The Maintenance Branch workshop carried out throughout the year repair and testing works, including repairs and upkeep of Plant and Machinery pertaining to Water department. 70,207 water works fittings (22,131 from private parties and 48,075 pertaining to the Municipal works) were tested and the revenue derived from it amounted to Rs. 5,465. 1,213 meters of different sizes were maintained during the year. In addition to this, 187 meters were submitted by private parties for test, out of which 152 were passed and sealed and the remaining were rejected.

Maintainance Branch workshop.

14. The special staff appointed for detection of chokes in service pipes was continued during the year. About 1,509 connections were cleaned at a cost of Rs. 5,050.

Chokes in servicepi pes.

15. To minimise complaints due to chokes in consumers' pipes and fittings in Dadar-Matunga estate which is supplied from the Vehar lake, the Corporation sanctioned funds for the work of cleaning consumers' pipes and fittings beyond stop taps in this area. The work was started in the middle of September 1943 and by the end of the year, 683 connections (2,34,125 r.ft.) of different sizes were cleaned at a cost of Rs. 6,156. The work is still in progress.

Cleaning of Consumers' Pipes and Fittings in Dadar-Matunga area.

16. As an experimental measure, a special staff was appointed for periodical cleaning of meter strainers. 1,059 meter strainers were cleaned by the end of the year. It was noticed that in about 70 per cent., of the cases, there was an increase in revenue on account of the periodical cleaning of meter strainers. Besides the number of complaints on account of chokes in meters was much less than in the preceding year.

Cleaning of Meter Strainers.

17. About 4.07 miles of distributary mains of different sizes were laid out of the Loan Funds. Other works provided under the Loan Funds, such as, guniting Tansa Dam and providing a trolley track along the toe of the Dam, providing concrete blocks under steel mains outside the City, guniting 57" steel mains in Sleater Road, repairs to the damaged spans of the Kasheli Bridge, repairs to the Swing Bridge in Kurla etc., were carried out during the year under report. The total expenditure booked during the year amounted to Rs. 7,10,456.

Loan Works.

18. The works provided under New Works (Revenue) were carried out to the extent of Rs. 19,070.

New Works.

19. The remaining work of treating the upstream face of the Tansa Dam with gunite was started in the month of March and by the end of the year about 23,000 square feet of guniting over the waste weir was done. The work of laying a trolley track along the toe of the Tansa Dam was also continued during the year. 7,400 running feet of embankment and trolley track have been completed since the beginning of the work. 9,60,000 cubic feet of earth work was carried out and four additional bridges were constructed during the year.

Repairs to the Tansa Dam.

20. A special staff (3 Sub-overseers and 6 peons) appointed for taking Pitometer gaugings for improving the distribution system was continued during the year. In all 119 gaugings in different parts of the city were taken. Besides, as meters were not available continuous gaugings were taken on 6" water main in Sir Sorabji Pochkhanawalla Road at Worli at the cost of the Central Government for which an additional staff (3 sub-overseers and 6 peons) was appointed.

Pitometer Survey.

21. The work of laying the rising, outlet, and suction mains from the three compartments and removing and reinstating electrically operated pumps from the old to the new control room at the Bhandarwada Hill Reservoir were completed during he year. The R.C.C. tank was practically completed but on test the tank was found to leak heavily and therefore samples of concrete were taken and got analysed. The results showed poor grading, too short a period in

Elevated Tank construction at the Bhandarwada Hill Reservoir.

the mixture and use of wet mixture. The contractors have been called upon to rectify the defects due to bad workmanship, but no progress beyond collecting materials was made during the year under report.

Encasing 57" Steel Mains in Sleater Road.

22. The remaining work under the previous year's contract was continued during the year.

Repairs to the damaged spans of the Kasheli Bridge.

23. The work of providing new 200 feet spans at the Kasheli Bridge No. 2 was completed. Incidental works, such as, restoring the trolley track on the 200 feet collapsed spans, 24" bye-pass at Kasheli Anchor Block renewing some of the worn out corroded bracings and cross bracings, etc., were carried out.

Concrete Blocks under steel mains Outside the City.

24. The work of providing concrete blocks under the entire length of the steel mains outside the City at a total cost of Rs. 12,74,800 was sanctioned by the Corporation under their Resolution No. 369, dated the 5th August 1943. A sum of Rs. 10,000 was sanctioned during the year under report, out of which 39 blocks were erected, 24 under the 72" steel mains and 6 under the 57" steel mains.

Swing Bridge at Kurla Creek.

25. The work of putting up embankment at the approaches was continued and during the year, 90,000 cubic feet of earth work was done. All the three piers were extended by about 10 feet, to the east side by providing grillage foundation and driving piles of old rails to a depth of about 25 to 30 feet. The extended portions of the piers were raised to obtain sufficient headway under the Bridge. The trolley track was diverted by relaying it on the newly extended and raised piers. The work of removing the old Swing Bridge was in progress.

Report on the Augmentation of City's Water Supply.

26. The Committee of Experts submitted their final report in which they have recommended the Bhivpuri Scheme and suggested the laying of a 60" main in the first stage of the scheme. This report was under the consideration of the Works Committee at the end of the year.

Tulsi Pipe Bridge across Bandra Creek.

27. The Chief Engineer, B. B. & C. I. Railway, was approached in the matter of allowing the concreting of piers by providing a coffer dam across the railway piers. He declined to give the permission and suggested that the reinforced concrete tressle bridge on a site a few feet away from the existing bridge might be constructed by the Municipality.

Static Tanks.

28. On account of the improved war situation it was decided to retain 41 and demolish 63 static tanks.

Surface Wells.

29. 9 wells were re-opened during the year making a total of 1,329 in all. About 20 manhole frames and covers were provided to serve as openings for drawing water. In those localities, in which, there were no wells to be opened, 7 wells were excavated bringing the total of such wells to 116. On account of the improved war situation, it was decided in consultation with Government to seal hermetically all the manhole frames and covers and accordingly, 1,880 covers were sealed with cement. Pumping sets provided on 10 wells situated in open spaces were removed during the year.

Housing Accommodation.

30. On account of the improved war situation, it was decided to reorganise the labour camps with a view to release some of the buildings to their owners and to charge rentals to the occupants. About 140 persons in the inside City division were so accommodated in various requisitioned buildings.

Staff.

31. The total number of superior staff during the year was 182 and that of the inferior staff, such as, chavivallas, store attendants and peons was 41. The labour staff both permanent and temporary including labourers, artisans, etc., employed during the year was about 1,800.

IX.—FIRE BRIGADE

Fire Stations and Appliances.

The number of Fire Brigade Stations continued to be 10, while 3 out of the 14 Auxiliary Fire Service Stations, were closed during the year on account of the improved War situation. Bhuleshwar Fire Station was closed and a new Station at Memonwada was opened to house the staff accommodated in the adjoining Municipal premises and the fire appliances. No new fire appliances were purchased during the year.

Number of Fires and Estimated Loss.

The aggregate number of calls answered by he Fire Brigade during the year was 779 as against 717 in the previous year. The estimated loss of property on account of fires amounted to Rs. 36,75,006 showing an increase of Rs. 11,62,839 over the figure of the previous year and Rs. 10,76,011 over the average of the last three years. The increase was mainly due to a serious fire in an old cotton mill which caused a loss to the extent of about Rs. 18,00,000. Of the year's loss, Rs. 31,61,321 represented insured property, whilst the total property at risk was valued at approximately Rs. 11,50,38,261. The total distance run by the fire appliances in attending fires was 6,742 miles as against 7,238 miles in the preceding year.

Number of Fire Alarms.

The number of Fire Alarm posts in use in the City including private alarms was 198. Eighty-eight per cent. of the calls were given through this system during the year as against sixty per cent. in the previous year.

Auxiliary Fire Service.

The full time paid staff of the Auxiliary Fire Service was reduced by Government to 262 with provisional retention of 29 additional motor drivers and the trailer pumps were reduced to 29 with 19 towing vehicles etc. Over and above these, 324 officers and other ranks and 24 trailer pumps with 12 towing vehicles were maintained at the expense of the Bombay Port Trust.

Ambulances.

The number of ambulances in charge of the Fire Brigade continued to be six. These ambulances attended 1491 accident calls, 640 maternity calls and 3123 hire calls for private purposes as against 1251, 845 and 2170 respectively in the preceding year. They conveyed 6343 persons and covered a distance of 44804 miles as against 4511 persons and 31363 miles in the previous year. The hire fees amounted to Rs. 15,836 as against Rs. 11,284 in the preceding year. First Aid to the injured persons was rendered by the Ambulance staff on 364 occasions, as against 375 in the previous year.

X.—PUBLIC GARDENS.

Public Gardens.

16 Gardens, 49 Recreation Grounds and open spaces, 4 Fountains, 2 Bandstands, 5 Traffic Islands, 3 Hedges and the Queen's Statue were maintained during the year.

Directed games conducted by the Y.M.C.A. at Mustan Tank, Gilder Tank and the Willingdon Memorial Playgrounds and by the Nagpada Neighbourhood House at 2nd Peerkhan Street were well patronized.

Victoria Gardens and Zoo.

The number of visitors to the Garden was 23,05,144 during the year against 22,50,106 in 1942-43, which shows an increase of 55,038 over last year. This gives an average of 6,315 per day and brings the annual average to 24,17,293 for the last five years.

Musical performances.

222 Musical performances for the entertainment of the public were given at different times at 7 places in the City during the year. These consisted of 28 Indian music, 35 Band and 159 Radiogram programmes against 31, 45 and 169 respectively in the preceding year. The programmes proved to be popular and the attendance at all the places was appreciably higher than in the previous year.

The total expenditure incurred on the Gardens Department during the year was Rs. 1,93,923-14-1 while the income amounted to Rs. 13,157-1-0.

XI.—VICTORIA AND ALBERT MUSEUM.

Attendance at the Museum.

The Museum was kept open for 314 days during the year against 230 days in the previous year. The total number of visitors was 18,36,252 and the daily average attendance 5,847 against 9,61,978 and 4,182 in the previous year when the Museum was closed for several days for repairs. Students of Primary and Secondary Schools in the City, who visited the museum during the year numbered 10,517 against 4,277 during the previous year. Most of the Indian paintings, exhibits of minor Art Industries, ethnological models, etc., were re-arranged and this re-arrangement was much appreciated by the visitors.

XII—MUNICIPAL LIBRARIES

Under Corporation Resolution No. 934, dated the 7th January 1943, the administration of the Municipal libraries was entrusted to the Municipal Commissioner, who assigned the work to the Curator of the Victoria and Albert Museum. The Curator was also allowed to complete a diploma course in Librarianship and given the necessary clerical and other staff for the conduct of the Municipal libraries. The work done was as follows: Two libraries were amalgamated into one; two were shifted to more central localities and three libraries managed by Associations or individuals were taken over to be conducted under Municipal management. Six new librarians were appointed. The opening hours were changed to suit the convenience of the public. Additional furniture, book-cases, etc., were purchased, and additional newspapers and periodicals were provided. 1,388 new books in English, Gujrati, Marathi, Hindi and Urdu were purchased and distributed to various libraries according to the educational and cultural requirements of the localities, in batches of about 50 each.

During the year 2,91,180 persons took advantage of the libraries. 12,047 books were issued against deposits, and 24,224 books were issued on the spot, without deposit for reading on the premises.

XIII.—GENERAL STORES.

Tenders were invited during the year for the purchase of stores in 138 cases against 136 in the preceding year.

The total purchases effected during the year including articles received on Return Stores Memos from other municipal departments amounted to Rs. 17.73 lakhs against Rs. 13.78 lakhs in the preceding year. The increase is due to higher market rates being quoted by the tenderers as a result of the continuance of hostilities. The balance of stock on hand on 31st March 1944 was Rs. 10.06 lakhs against 7.71 lakhs in the preceding year. The increase of Rs. 2.35 lakhs is due partly to higher market rates of articles of general consumption and partly to the necessity of keeping adequate stock of controlled materials on account of the delay caused in the receipt of materials due to various control orders promulgated by the Government of India and the procedure required to be followed thereunder.

The total number of orders placed with the contractors and other dealers was 3,442 against 4,766 in the preceding year. The number of indents inclusive of sales memos received from the departments was 19,115 against 20,590 in the preceding year. Most of the articles purchased during the year were of Indian manufacture and the value thereof amounted to Rs. 15.73 lakhs. The value of foreign goods purchased amounted to Rs. 2 lakhs.

During the year no dust bins were sold to house owners on account of the difficulty of obtaining galvanized iron sheets which are under Government control.

The turn-over of the department, *viz.*, receipts and issues of stores came to Rs. 33.12 lakhs against 26.31 lakhs in the preceding year.

The stock of stores was verified but no case of any appreciable difference in stock was noticed.

The abnormal conditions created by the war reacted very sharply on the department. The annual tenders for the year 1944-45 invited in the months of January and February 1944 carried rates considerably higher than the market rates. A number of tenders had therefore to be rejected on the ground of high cost. Apart from the scarcity of materials, the various Government control orders aggravated the difficulties of the department and increased its work enormously. The department, however, successfully encountered these difficulties and played its role of a major supplying agency to municipal departments.

XIV.—LICENSES, SHOPS AND ESTABLISHMENTS.

Licences.

The total number of permits and licences issued under Sections 390, 393, 394, and 412-A, (*viz.*, for factories, work-shops, steam whistles, storing of inflammable materials, or carrying on dangerous trades and keeping milk products) was 24,829 and the fees realised therefrom amounted to Rs. 2.49 lakhs against 22,368 and 2.30 lakhs respectively in the preceding year. The number of licences issued for the trade of farriers was 126 against 96 in the previous year. 36 farriers were prosecuted for carrying on the trade without a licence of whom 19 were convicted and fined. Licence fees outstanding at the close of the year amounted to Rs. 328 as against Rs. 476 in the previous year.

Sky-signs and advertisements.

The total number of permits issued for exhibiting advertisements was 2,470 and the fees realised therefrom amounted to Rs. 1.15 lakhs, as against 2,356 and Rs. 1.19 lakhs respectively in the preceding year.

Hawkers and squatters.

The total number of hawker and squatter licences issued during the year was 41,663 and the fees realised therefrom amounted to Rs. 1.54 lakhs against 35,045 and Rs. 1.38 lakhs respectively in the previous year. The removal charges recovered under Section 490 amounted to Rs. 32,473 against Rs. 25,396 recovered in the preceding year.

Prosecutions.

The number of prosecutions for infringement of Municipal law or licence conditions was 4,017 against 3,251 in the preceding year. There were in addition 339 outstanding cases from the previous year. Out of the total number of 4,356 cases, 3,242 were withdrawn (2,997 on payment of licence fees and the remaining for other justifiable reasons); 203 resulted in conviction, 2 in acquittal and 909 remained to be disposed of at the end of the year.

Special Annual Cattle Census 1944.

During the year under report a Special Annual Census of Cattle in the City of Bombay as against the quinquennial census in the past was carried out by the department on behalf of Government. The preliminary enumeration was started on 20th February 1944 and the final count was taken on the 29th February 1944.

Administration of the Shops and Establishments Act.

During the year, 419 fresh complaints were received in connection with infringements of the Shops and Establishments Act and the Rules framed thereunder in addition to 12 that remained uninvestigated at the close of the year. In all 411 complaints were investigated and action taken wherever necessary. The total number of mass raids carried out during the year was 514. The number of visits and re-visits paid to different establishments was 45,676.

Prosecutions under Shops and Establishments Act.

Of the prosecutions launched in the previous year 219 were not disposed of, and up to the close of the year under report 3,495 new prosecutions were launched. Out of 3,714 cases during the period under report, 3,554 were disposed of—3,509 resulting in conviction, 37 were withdrawn, and 8 were acquitted. The total amount of fines inflicted was Rs. 68,286.

XV.—MARKETS.

Markets Receipts.

The revenue from markets and slaughter houses was Rs. 17.65 lakhs against Rs. 15.32 lakhs in the preceding year, showing an increase of Rs. 2.33 lakhs, which was due to the increase in stall-rents, slaughter fees, fair fees, etc.

Municipal Markets.

The number of municipal markets in the year was 17 against the same number in the preceding year and the net receipts from them amounted to Rs. 4.13 lakhs against Rs. 3.95 lakhs in the preceding year, thus showing an increase of Rs. 0.18 lakh. The average percentage of stalls vacant per quarter was 14.86 as against 21.92, 25.68, 24.77 in the preceding three years. Receipts from squatter fees, scale fees and encroachment fees amounted to Rs. 2.99 lakhs as against Rs. 2.43 lakhs in the preceding year.

Private Markets Slaughter Houses and outside Meat shops.

The number of private markets during the year was 22 against 23 in the previous year, the decrease being due to the closing down of the new private market at Chhakatachiwadi, Tardeo. The licence fee realised in respect of the 19 private markets with two private slaughter houses was Rs. 27,453-5-0 against Rs. 22,793 in the the pervious year for 20 markets and two slaughter houses. The licence fees of three private markets, *viz.*, Byculla wholesale vegetable market, Dr. Hakims' Market and the Fancy private market, are kept in deposit account. A sum of Rs. 615 was also received from certain firms dealing in imported meat and foreign fish. Licence fee amounting to Rs. 1,150 was received from butchers having stalls in private markets. The number of outside meat shops was 185 against 186 in the previous year and the fees realised in respect of 181 shops were Rs. 10,292-5-4- against Rs. 8,874 in the preceding year ,the licence fee of four shops having been kept in deposit account.

Unwholesome Contraband Meat.

The total quantity of unwholesome articles such as meat, fish, fruit, etc., including contranband meat seized and destroyed was 6,85,201½ lbs., Of this, the contraband meat seized and destroyed was 26,326½ lbs. against 43,270 lbs. in the perious year. In all 453 seizures were effected and prosecutions instituted with the result that 444 persons were convicted and fined.

Municipal Slaughter Houses.

The number of animals salughtered at the municipal slaughter house at Bandra was 13,23,418 against 11,01,123 in the preceding year. Of these, 1,01,132 were cows and bullocks, 12,145 buffaloes and 12,10,140 sheep and goats against 1,08,501, 12,114 and 9,80,621 respectively in the previous year. The number of pigs and piglings slaughtered at the Arthur Road Pig slaughter house was 22,710 against 16,133 in the prious year

The amount of fair fees received at the Bandra slaughter house was Rs. 2,36,500 against Rs. 1,50,000 in the previous year. Fees recovered from the Kurla Municipality were Rs. 65,670 against Rs. 84,150 in the previous year. The slaughter and removal fees realised at the Bandra slaugher house together with the slaughter fee at D'Lisle Road sheep market amounted to Rs. 6,12,340-10-0 against Rs. 5,57,392-5-0 in the previous year. Other miscellaneous receipts amounted to Rs. 1.35 lakhs against Rs. 1.20 lakhs in the preceding year.

XVI.—K. E. M. HOSPITAL AND SETH G. S. MEDICAL COLLEGE

K. E. M. HOSPITAL.

K. E. M. Hospital.

The number of beds for men, women and children at the K. E. M. Hospital increased during the year, to., 283, 133 and 40, respectively, making a total of 456. The number of in-patients admitted during the year was 14,804 against 12,782 in the previous year. If 431 in-patient of the previous year's balance are added, the total number of in-patients treated at the Hospital during the year comes to 15,285. Of these, 4,890 patients were cured, 6,264 were discharged as relieved, 2,056 either prematurely left the Hospital against medical advice or were otherwise discharged and 1,568 died, leaving a balance of 507 patients at the end of the year. The maximum number of in-patients on any single day was 543 and the daily average worked out at 481.4. The average number of days each patient was resident was 10.61 days. The average cost per in-patient per day rose to Rs. 3-15-10 during the year. It was Rs. 3-4-8 and Rs. 3-0-2 in the previous two years. Similarly, the average cost per in-patient admission also rose to Rs. 46-11-10. It was Rs. 42-6-1 and Rs. 38-0-3 in the preceding two years.

No. of patients treated.

The number of new out-patients treated during the year was 1,32,639. This shows an increase of nearly 17,000 out-patient over the previous year's figure of 1,15,695. The corresponding numbers of casualty patients were 29,225 and 26,258 respectively. The total number of out-patient attendance during the year was 4,71,136 against 3,77,203 in the previous year which gives a daily average of 1,505.59 against 1,200 in the previous year. The highest number of out-patient attendance on any one day was 2,314 against 1,760 in the previous year, while the corresponding figures for new out-patients on a single day were 560 and 445 respectively. The average cost per out-patient attendance and admission worked out at Rs. 0-7-2 and Rs. 1-8-5 against Rs.0-7-2 and Rs. 1-9-11, respectively in the previous year. The average cost per in-patient or out-patient is worked out on the expenses incurred out of the Municipal Funds excluding the amount of Rs. 16,658 (against Rs. 14,600 of the previous year) spent out of the Poor Box Charity Fund for expensive durgs, injections, blood transfusions, etc.

It may be interesting to note that of the average cost of Rs. 3-15-10 and Rs. 1-8-5 per day per in-patient and out-patient respectively, Rs. 1-14-10 and Rs. 0-13-11 were on establishment alone.

The total number of operations on in-patients and out-patients performed during the year was 5,960 and 12,067 respetively against ,5341 and 11,065 in the previous year.

School Clinic. 11535 Municipal School children were treated in the different departments of the Hospital during the year against 7,856 in the previous year. Of these 1,723 were new cases. The total amount spent on the School clinic at the Hospital was Rs. 9,015-11-0.

Poor Box Charity Fund. The Poor Box Charity Fund continued to give deserving patients much needed relief by way of provision of spectacles, crutches, Trussess etc. which could not have ordinarliy been given out of the Municipal Fund. The total amount thus spent out of this Fund came to Rs. 16,824 while contributions during the year by way of collections from out-patient boxes, ward boxes and donations amounted to Rs. 19,141.

Since 12th April 1942, a Blood Bank has been organised in the Central Clinical Laboratory as a permanent feature for the benefit of patients of this Hospital and the number of samples collected during the year was 699 of which 604 were issued for purposes of transfusion.

Extension of the Hospital. Owing to the abnormal condition created by the War, the Hospital extension programme could not be proceeded with during the year.

Expenditure on the Hospital. The total expenditure incurred on the maintenance of the Hospital during the year 1943-44 including liabilities outstanding at the close of the year and exclusive of the cost on the extension scheme amounted to Rs. 9,24,096.

Seth G. S. Medical College.

Admissions. During the year 84 fresh admissions were made in June 1943. 81 of these students were single, 1 married and 2 betrothed.

The number of under-graduate students on the College roll at the close of the year was 498 including 105 female students, and that of post-graduate and research students was 60.

The results of the various examinations for which students were sent up by the College were satisfactory.

Annual cost and Revenue. The total expenditure on the College, including the expenditure on the Hostels for male and female students, came to Rs. 2,66,386 during the year as against Rs. 2,75,115 in 1942-43. The revenue of the College in the form of tuition fees, hostel rent and miscellaneous receipts amounted to Rs. 1,31,367 as against Rs. 1,24,030 in 1942-43.

43. The gross expenditure per student for the year under report came to Rs. 535 while the net expenditure worked out at Rs. 271 as compared with the corresponding figures of Rs. 585.4 and Rs. 321.5 respectively in the preceding year. The amount of fees received from the post-graduate students was Rs. 4,605.

Library and Museum. During the year, 174 new books were added to the College Library as against 345 in the preceding year. Of these, 13 books were presented to the library by their authors as complimentary copies. The number of books issued to medical students was 18,700 as against 13,694 in the preceding year. 3,561 books and journals were issued to the members of the teaching Staff of the College and Resident Medical Officers of the K. E. M. Hospital.

18 new wet and dry specimens were added to the Anatomy Museum during the year and 50 old specimens were renewed. The total number of specimens in the Anatomy and Comparative Anatomy Section is over 1,650.

5 new specimens were added to the Pathology Museum. The total number of specimens in the Pathology Museum is over 1,435. Four more dia-positives have been exhibited in the Museum, their total number being 148 at the end of the year.

In the Artist Department 534 photographs of patients, specimens, etc., were taken during the year 1943.

Students' Hostels. The total number of students residing in the Hostels for male and female students was 146 and 28 respectively during the year, the number being the same as in the previous year. Accommodation was provided to 10 more female students in the vacant rooms in the new Nurses' Home. The total expenditure incurred on both these hostels (exclusive of non-recurring expenditure) was Rs. 10,678, while the income derived in the form of rent was Rs. 18,018.

Gymkhana. The College Gymkhana took part in Inter-Collegiate tournaments during the year.

Research. The different departments of the College and the Hospital undertook, in addition to their normal teaching and other work, various investigations and researches during the year under report.

Special classes for D. O. and D.O.M.S. were held during the year as in previous years.

XVII.—EDUCATION.

(Schools Committee's Department).

Schools Committee's Meetings. The Committee held in all 61 Meetings during the year. The number of Meetings of the various Sub-Committees held during the year was 39.

Municipal Schools and pupils. The total number of Municipal Schools on 31st March 1944 was 386 and classes 25 as against 383 Schools and 30 Classes on 31st March 1943.

During the year under report, the number of pupils in Municipal Schools increased from 75,993 to 1,00,131. This was due to the fact that the war panic, which was the cause of a large number of families leaving Bombay City from the beginning of the year 1942, had practically subsided and consequently many of the families who had left Bombay returned to the City.

Teachers in Municipal Schools. The number of teachers (permanent and non-permanent) on 31st March 1944 was 3,003. Out of these 134 teachers were maintained as a separate staff for working in ordinary leave vacancies and 513 teachers were maintained for working in places of teachers studying at Training Colleges.

Aided Schools and Pupils. The total number of Aided Schools was 205 and the number of pupils therein rose from 31,338 to 40,008. Besides, the Aided Schools, there are also other schools which are recognised but do not receive a grant-in-aid from the Schools Committee. The number of such schools was 19 with 2,859 pupils in them on 31st March 1944.

The total number of full-time and part-time teachers in Aided Schools at the end of the year was 1,821 as against 1,561 of the previous year.

In the recognised un-aided Schools, the number of teachers at the end of the year was 134 (100 full-time and 34 part-time) as against 139 (96 full-time and 43 part-time) at the end of the previous year.

The total amount of grants paid during the year was Rs. 2,12,331 as against Rs. 2,16,459 in the previous year.

The total amount of expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 15,01,961.

The average number of pupils on rolls in Aided Schools during the year was 37,282 and on the basis of this number the cost per pupil in these schools works out to Rs. 40.3 as against Rs. 49.1 in the previous year. The cost per pupil to the Municipality by way of grant was Rs. 5.7 as against Rs. 7.8 of the previous year.

The number of pupils studying in Municipal Central Schools, *i.e.*, schools wherein provision has been made for the teaching of Vocational subjects, such as Carpentry, Tailoring, Sign-board Painting, etc., was 705 as against 630 in the previous year.

The number of pupils from Central Schools who appeared for the Carpentry Examination was 78 and 32 of these were successful. 35 pupils from the Tailoring Classes appeared for the Government Examination and 27 came out successful. The Annual Handicraft Exhibition was held in the middle of October 1943 and the sale proceeds of articles disposed of at the Exhibition amounted to over Rs. 2,600.

Free and Compulsory Education.

On 31st March 1943, the number of children of Compulsory age, attending Schools was 80,227. The Annual census of compulsory age children in the city taken in October 1943, revealed the figures of children of compulsory age attending and non-attending, as 1,01,118 and 21,428 respectively. Later on in the year efforts were made by employing a Special staff of part-time teachers and peons to bring into schools non-attending children and as a result, the number of such children was reduced to 7,621 boys and 10,554 girls by the end of the year.

Income and Expenditure.

The year under report opened with a balance of Rs. 20,000 and the total amount at the disposal of the Schools Committee was Rs. 46,99,954-15-7.

The total expenditure for the year excluding the expenditure on the Head Office, which is met from the General Municipal Fund, amounted to Rs. 46,79,954-15-7, leaving a closing balance of Rs. 20,000.

The staff of the Schools Committee's Head Office consists mainly of the Secretarial, Accounts, Records and Correspondence Branches of the Department.

Government Grant to Primary Education.

The total amount of Grant paid by Government to the Municipality during the year for Primary Education amounted to Rs. 9,36,430.

Average cost per pupil.

The average cost per pupil in Municipal Schools calculated on the number of pupils on the rolls on the last day of the year, was Rs. 44.5. The figure for the previous year was Rs. 52. Calculated on the average number of children on rolls, the figure works out to Rs. 47.9 as against Rs. 54.4 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on the rolls on the last day of the year and on the average number of children on the rolls throughout the year come to Rs. 45.7 and Rs. 48.6 respectively. The reduction in the cost per pupil during the year was the direct result of the increase in the number of pupils.

Boy Scouts.

The number of Troops and Packs at the end of the year was 66 and 106 respectively and that of Scouts and cubs was 2,087 and 3,145 respectively.

The Taikalwadi Welfare Centre maintained by the Municipal Boy Scouts Association out of the Grant of Rs. 900 sanctioned by the Standing Committee, carried on its usual activities, such as games-classes in lathi, lezim, gymnastics etc., and classes for teaching English, Marathi and Gujarati A. R. P. Instruction.

Girl Scouts.

The total number of Girl Scouts and Bulbuls at the end of the year was 3,759, 1,297 being girl scouts and 2,462 being Bulbuls. The number of Girl Scout companies was 46 and that of Bulbul Flocks 108.

Audit of Accounts.

The Municipal Chief Auditor's Staff appointed for auditing the School Fund Accounts carried on their work as usual and suggestions made by them were attended to by the Accounts Department as far as possible.

Free Reading Rooms and Libraries.

As stated in the report for the previous year, all the Municipal Free Reading Rooms and Libraries were transferred from the Schools Committee's Department and placed under the control of a separate Officer called the "Chief Librarian" from the 1st March 1943.

The Municipal Teachers' Library continues naturally with the Schools Committee's Department and during the year under report the stock of books in the same was replenished by the addition of about a thousand new books of interest on various subjects.

Miscellaneous.

The seven Local Ward Committees carried on their work as usual during the year under report. The Schools Committee's Employees' Co-operative Credit Society afforded great monetary help to the employees of the Committee by granting loans to the needy.

XVIII.—PUBLIC HEALTH

General.

Although the year passed off without any epidemic it could not be considered a normal year in the proper sense. Owing to the tremendous increase in industrial activities connected with the war, the population of the City increased to more than two millions during the year and along with it there was a steady and heavy influx of unvaccinated people from far and near. This resulted in small-pox keeping on smouldering throughout the year. The incidence of typhoid was slightly higher than that in the preceding year. Difficulties in securing foodstuffs and high prices of certain commodities essential for the maintenance of health tended adversely against the general health conditions of the City. The timely rationing of essential food grains of the people, however, among other things, helped to maintain the statistical indices at a fairly satisfactory level and the general state of the public health of the City for 1943 could be considered satisfactory on the whole.

Births.

The number of live births registered during the year was more by 9,849 than the number of deaths that took place in the City. This excess of births over deaths was equivalent to 6.6 per 1,000 of population calculated on the Census of 1941. The number of births registered during the year was 44,015 being 12,479 more than in 1942 and 8,482 more than the average of the previous 10 years (1933-42). The birth rate was 29.5 per 1,000 of population, calculated on the Census of 1941, as against 21.2 for the year 1942. Sex proportion in the births was 107 males to 100 females. The birth rate 87.71 amongst Buddhists was the highest, the next highest 59.42 being amongst Hindus (Scheduled Classes) while 12.39 amongst other and unknown castes was the lowest.

Deaths. The total number of deaths during the year was 34,165 being 8,988 more than in 1942 and 3,787 less than the average for the last 5 years (1938-42) and 4,523 more than the average for the last 10 years (1933-42). The 2 deaths from plague during the year occurred amongst cases brought into the City for treatment by the Military authorities and had therefore no local significance. Out of the 9 deaths from cholera during the year, 5 occurred amongst cases imported from the suburbs and the remaining 4 were more likely from gastro-enteritis developing in carriers who passed cholera vibrios in the stools, the diagnosis having been made on this ground only. The number of deaths from small-pox, influenza, diseases of the respiratory system and tuberculosis was 519, 53, 11,139 and 1,950 as against 591, 29, 7,740 and 1,581 during 1942 and 1,043, 63, 10,332 and 1,874 respectively, the average for the previous 10 years (1933-42) The ratio of deaths amongst males to that amongst females was 20 to 27 as against 15 to 20 in 1942. The death rate per 1,000 population according to 1941 census was 22.9 as against 16.9 in 1942, 20.9 in 1941 and 24.2 the average for the preceding decennium. The death rate calculated on the actual population (20,89,425) instead of on the census population (14,89,883) was 16.3 which is the lowest ever recorded so far. Out of the total number of deaths, 43.3 per cent. were amongst children under 5 years against 39.7 per cent. during 1942. The death rate 72.4 amongst Buddhists was the highest, the next highest being 51.1 amongst Hindus (Scheduled Classes) and 3.6 amongst other and unknown castes the lowest during the year as against 39.47 amongst Buddhists and 11.48 amongst Anglo-Indians the highest and lowest respectively during 1942.

Infant Mortality. Mortality among infants (under one year of age) during the year was 8,690 against 6,164 and the rate per 1,000 live births 197.4 against 195.4 in 1942. The difficult food situation and high prices of articles of food like milk, ghee, etc., which are absolutely necessary for the maintenance of health of the mother and infant both during and after confinement were probably responsible for the increased number of deaths due to immaturity, prematurity infantile debility, malformation, diarrhoea and enteritis and consequently for the slight increase in the rate of infant mortality over that for the previous year. If the number of deaths of infants born out of Bombay is excluded from the total number of deaths among infants, the rate of infant mortality per 1,000 live births registered would be 149.3 instead of 197.4 as stated above. 6,983 or nearly 80.3 per cent. of the total deaths among infants were due to diseases of the respiratory system, infantile debility and premature birth against 4,860 deaths or 78.8 per cent. in 1942. There were 508 deaths due to diarrhoea and enteritis, 70 due to malaria, ague and other fevers, 319 due to convulsions, 67 due to small-pox and 61 due to measles.

Measures for the prevention of Infant Mortality. The usual maternity and child welfare work comprising ante-natal, natal, post-natal, infant and pre-school care both at the homes of mothers and their infants or children and at the clinics at the five maternity homes was carried on by the Medical Officers in charge of the Homes with the help of the Health Visitors attached to them. The Health Visitors visit expectant mothers, mothers and children attending the clinics at their homes to see that they follow the advice given to them, go in search of expectant mothers and advise and persuade them to attend the clinics and to avail themselves of the municipal and other maternity homes and hospitals in the City for confinement and other treatment required by them. They also conduct maternity cases at the homes of those who do not avail themselves of these facilities. Medical supervision and health education are the main objectives kept in view with regard to care of mothers during their pregnancy and that of their children after they are born. Extension of these facilities, looking to the needs of the poor class of people residing in the different parts of the City among whom infant mortality is always higher, has always been kept in view. Dharavi, the most outlying and distant part of the City populated by the poor scheduled classes was greatly in need of a maternity and child welfare centre for a long time. The need was felt particularly because the nearest maternity and child welfare centre at Cadell Road is more than 3 miles from this place and it was very difficult for these poor people to take advantage of it. The proposal to provide a maternity and child welfare centre for this area with a resident Health Visitor and an Ayah to help her in her work was sanctioned by the Standing Committee and the Corporation by the end of 1942. The centre will be located in the same building in which the Municipal dispensary at Dharavi is accomodated. As the quarters were not likely to be ready for some time it was considered desirable to appoint the Health Visitor and her appointment was accordingly made from 27th April 1943 and since her appointment she has acquainted herself with the area, studied local conditions, carried out a preliminary survey and done good deal of work.

The Health Visitors paid 45,422 visits and attended 260 confinements at home. In 5,082 cases personal visits were paid by the Medical Officers-in-charge of the maternity homes. Relief was given to 10 poor women during confinement. The total number of cenfinements in the 5 maternity homes with a total of 142 beds was 8,657 as against 5,782 during 1942. Out of the total number of births 81.1 per cent. took place in maternity institutions as against 75.8 per cent. during 1942.

Infectious Diseases. The total number of cases of infectious diseases reported during the year was 5,706 as against 4,808 during 1942. Small-pox, enteric and tuberculosis caused 519, 567 and 1,950 deaths as against 591, 375 and 1,581 deaths respectively during the previous year. Although small-pox was not prevalent in an epidemic form the number of 1,318 attacks reported during the year was by no means small as compared with 1,454 attacks during 1942. The disease was prevalent on a fairly large scale during the months of March, April and May. In spite of the intensive vaccination compaign carried on by the vaccination staff and the vigorous efforts of the Department in other directions, the disease kept on smouldering throughout the year on account of the continued influx of unprotected people from places outside the City. The fact that in spite of unfavourable conditions which we had to encounter, the fatality rate was lowest since 1933 shows that our efforts to combat the disease were quite successful. The specific death rate which though worked out on the census population is by no means high would be if calculated on the actual population of 20,89,425 for the year, lowest since 1933. The number of primary vaccinations done during the year was 46,000 as against 31,282 and that of revaccinations 1,90,330 as against 1,42,836 in the previous year.

While measures for the prevention of typhoid in the form of conversion of privies into water closets, removal of dust bin sheds, introduction of house to house collection of refuse all over the City, covering of open drains and laying of sewers in the unsewered parts of the City remained in abeyance and are not likely to be complated till after the end of the war, the number of cases of tyhpoid reported during the year was more than that in any year since 1938 and caused a good deal of anxiety. Fortunately, however, with the increased voluntary hospitalization and the record number of 62,891 inoculations done by the Department the spread of the disease was under control and the fatality rate and the specific death rate were not higher than those for any previous year since 1938. If calculated on the actual population instead of the census population, the specific death rate would indeed be the lowest since 1938 when the incidence of typhoid was high.

In the absence of a Municipal Institution for the isolation and treatment of cases of leprosy the Acworth Leper Home has been doing it for the last 54 years. The Home also conducts an out-patient clinic but there

existed a deficiency in the link between the institution where patients are treated and the homes of the patients where they came in contact with their own family members and neighbours. The importance of home visits from the point of view of leprosy control is very great and not only in very few clinics in India is any organised propaganda carried on for the patients and their relatives but in no clinic there existed any system of home visits. With the appointment of two Health Visitors one by the Home and one by the Municipality for this purpose from 1st January 1943 Bombay has broken new ground and the results of the work done by these Health Visitors are encouraging.

Malaria.—The wells opened and newly sunk in connection with the emergency water supply and the static tanks constructed as an A. R. P. measure had as in the previous year to be dealt with so as to prevent mosquito breeding therein. Additional staff was appointed for the purpose and the cost was shared by Government and the Municipality.

Malaria was registered as the cause of 154 deaths against 109 in the preceding year. The total number of cases of malaria treated at the Municipal dispensaries and public hospitals was 1,678 and 24,167 against 2,215 and 19,583 respectively in the preceding year.

Venereal Diseases.—The total and the daily average attendance at the Clinic at Bellasis Road for the treatment of venereal diseases was 1,44,576 and 573.7 as against 1,22,294 and 479.2 in the preceding year. The total attendance at the 7 prophylactic centres conducted at the municipal dispensaries was 13,729 during the year.

Free Medical Relief.—Free medical relief to out-patients was rendered at the 19 municipal dispensaries, the number of new cases and the total attendance during the year being 2,13,894 and 7,78,427 as against 1,68,960 and 5,75,811 respectively during the previous year.

Bai Lingubai dispensary at Kamathipura for the treatment of eye diseases has attached to it the Bhoomaya Poshety Ashnol free ophthalmic Hospital. New cases treated for eye and ear diseases at the dispensary during the year numbered 7,448 against 6,242 during the previous year. The number of in-patients treated at the hospital during the year was 167 as against 93 during the previous year. The total attendance of patients (including repetitions) treated at the dispensary and the hospital during the year was 49,660 (2,461 in-patients and 47,199 out-patients) against 27,847 during the previous year.

Conservancy.—The daily average area in square miles of the roads, footpaths and house-gullies cleansed regularly throughout the year was 268.04, 236.67 and 104.00 respectively. The total refuse collected and removed through municipal agency was 4,93,808 tons as against 4,75,436 tons during the previous year. The total refuse removed through municipal agency and that received through outside agency amounted to 6,33,429 tons as against 5,58,964 tons the previous year. Out of the total refuse received 4,13,121 tons were transported by rail to Deonar, 1,87,699 tons were used for reclamation in the City, 2,981 tons were burnt in the incinerators and 29,628 tons (stable refuse) were dumped in the Manure pits.

Rat Destruction.—The total number of rats collected and destroyed during the year was 6,87,194 against 6,26,756 in the previous year.

Conversion of Basket privies into water closets.—Only 2 basket privies were converted into water closets during the year. The number of basket privies that remained to be converted into water closets was 286 in the sewered area and 702 in the unsewered area.

Dog bites.—The total number of cases of dog-bites treated at the Haffkine Institute was 2,590 against 1,827 in 1942.

Prosecutions.—The number of prosecutions instituted by the Health Department under the Municipal Act during the year was 3,656 while the number of cases outstanding at the beginning of the year was 988. Of the total number of 4,644 cases, 4,010 were disposed of, while 634 remained outstanding at the end oft he year. Under the Bombay Prevention of Adulteration Act, 2,402 complaints were filed during the year, while 1,064 were outstanding at the comencement of the year. Out of the total number of 3,466 complaints 2,602 were disposed of and 864 remained outstanding at the close of the year. The total amount of fines inflicted was Rs. 67,875 against Rs. 1,03,233-7-0 during the previous year.

School Health Work.—Out of the 421 schools visited by the School Medical Inspectors, 297 were boys' and 124 girls' schools, the number of children examined (including first and subsequent examination) being 22,854. Out of the total number of 21,800 children examined for the first time, 16,035 had various defects and out of the total number of 29,275 defects detected, percentages of the different defects were 25.0 dental, 18.8 general debility or mal-nutrition, 18.5 throat, 18.1 enlarged lympathic glands, and a small percentage each of defective vision, diseases of the eyes skin, ear, lungs, enlarged spleen, heart and circulation and nose. 412 schools were supplied with emergency outfits and 55 spectacles were given to poor children. Many of the present hired buildings for Municipal schools are far from satisfactory in many respects and it is therefore necessary that these schools should be accommodated in buildings specially designed and built for the purpose. The school clinic at the K. E. M. Hospital which is the only one is inadequate to deal with the number of children requiring treatment and the provision of additional clinics is an urgent necessity. Advantage may if possible be taken of public hospitals in the different parts of the City.

Welfare work.—Social welfare work among the municipal labour staff was carried on by the staff of the Welfare Branch organised for the purpose under the Public Health Department. Additional amenities in the form of radio sets were provided at 2 welfare centres. Arrangements were made at 2 centres to give instruction to mothers in mothercraft by 2 Health Visitors, to examine them after the completion of the course and to grant certificates to those who passed. Courses at both the centres had not been completed by the end of the year.

Health Propaganda and Education.—The branch started work from 6th November 1942 and is now in possession of 12 magic lanterns, 1 camera, 120 sets of lantern slides on 20 different subjects and a film called "Community Manners". Important activities carried on by the branch are arranging health education meetings organising health exhibitions, press publicity by contributing health notes, contribution of articles on health to periodicals, and showing of films and lantern slides on matters of health with the help of the Medical Inspectors of the Department.

XIX.—MUNICIPAL PRINTING PRESS.

The Press carried out jobs to the extent of Rs. 1,87,702 during the year under report.

Though the difficulty of obtaining paper referred to in the previous year's report was, to some extent, obviated by Government making certain allotments of white and badami paper, the total quantity available was not adequate to meet the requirements of the Press. Every job had therefore to be subjected to fresh scrutiny and the sizes of forms, etc., were curtailed further to effect necessary economy in paper. Paper printed on one side and old straw boards were also made use of wherever possible.

Under their Resolution No. 272, dated the 28th June 1943, the Corporation approved of a proposal to open a Literacy Class for teaching English by the Basic Method to the Press workers as an experimental measure. A class was accordingly opened and as the experiment proved to be successful the Corporation sanctioned the continuance of the Class for a further period of one year upto 28th February 1945.

The Labour staff on 29th February 1944 consisted of 110 effective workers as against 113 on 28th February 1943.

XX—LEGAL DEPARTMENT.

This Department was created in the year 1931 to dispose of increasing legal work and to effect economy in the cost. Mr. P. M. Clubwala was appointed in 1931 and he retired on 31st December 1937. Mr. Manbhoy B. Maniar was appointed as Legal Assistant after Mr. Clubwala's retirement and he has been since holding charge of the Department.

Since 1931 further staff was added to the Department from time to time and at present it consists of 2 Assistants to the Legal Assistant, 3 clerks 2 search clerks, 2 typists and 1 Assistant Clerk.

During the year under report the Legal Assistant gave numerous opinions in various matters and advices on 260 documents.

39 High Court suits, 1 High Court Appeal, 2 Revision Applicaions, 24 Small Causes Suits, 26 Police Court cases, 1 Lunacy Appeal, 1 Reference under the Workmen's Compensation Act and 17 Appeals against Assessment were also attended to by the Department.

The Department also completed 52 Conveyances, 7 Agreements, 3 Declarations, 3 Indemnities, 2 Assignments of Decrees, 1 Temporary Lease, 136 Leases, 5 Surrenders, 126 Licences to assign and 15 other documents during the year.

XXI—MUNICIPAL SERVANTS' ACT.

No circumstances arose in any department of the Municipality, in which it was necessary to invoke the provisions of the Municipal Servants' Act.

M. D. BHAT.
Municipal Commissioner.

FINANCIAL

No. AE/ 5510 /D/SR of 3rd August 1944.

Report from the Chief Accountant on the accounts of the Municipality and the Improvement Schemes for the year 1943-44 :—

The following statement summarises the transactions for the year pertaining to Revenue, and the actuals for the preceding year :—

	1943-44.			Actuals for 1942-43.
	Budget.	Revised	Actuals.	
	Rs.	Rs.	Rs.	Rs.
Opening Balance ...	22,17,150	45,86,447	45,86,447	34,10,816
Income ...	3,79,67,625	3,87,45,525	4,03,98,533	3,89,01,941
Expenditure ...	3,88,31,272	4,00,18,197	3,90,96,449	3,64,65,448
	8,63,647 (Deficit)	12,72,672 (Deficit)	13,02,084 (Surplus)	24,36,493 (Surplus)
Balance ...	13,53,503	33,13,775	58,88,531	58,47,309
Recoupment of Advances, etc. ...	—663	+3,46,014	+5,12,242	—12,60,862
Closing Balance ...	13,52,840	36,59,789	64,00,773	45,86,447

2. The details of the recoupment of Advances, etc., are :—

	Rs.	Rs.
Decrease in :—		
Renewed Grants (including contribution towards Improvement Schemes) ...	6,03,997	
Miscellaneous Advances outstanding ...	59,676	
Advances—Measures for Civil Defence ...	9,221	
		6,72,894
Deduct—		
Decrease in :—		
Reserve Stores (including Capital Stores) Balances ...	1,55,645	
Advance for Plant and Machinery ...	5,007	160,652
		5,12,242

3. The net unhypothecated Surplus Cash Balance on 31st March 1944 was as under :—

Liabilities.	Rs.	Assets.	Rs.
Reserve Stock including Capital Stores.	10,83,237	Surplus Revenue Fund as per Appendix No. 2 ...	97,30,720
Advance for Plant and Machinery ...	20,67,226		
Miscellaneous Advances ...	1,42,363		
Advances—Measures for Civil Defence ..	37,121		
Minimum required by Law ...	1,00,000		
Surplus Cash Balance ...	63,00,773		
Total ...	97,30,720	Total ...	97,30,720

4. The opening and closing Reserve Stores (including Capital Stores) Balances for the year 1943-44 are compared below :—

——	Opening Balance. Rs.	Closing Balance. Rs.	Increase. Rs.
Serviceable Stores ...	9,27,592	10,83,237	1,55,645

5. The Loan liabilities at the beginning and at the end of the year were as under :—

Outstanding debt on 1st April 1943. Rs.	Loan raised during the year. Rs.	Repayment during the year. Rs.	Outstanding debt on 31st March 1944. Rs.
14,60,72,411	10,99,638	64,85,118	14,06,86,931

The details of the Loans raised are as below :—

(1) Rs. 10,00,000	being the loan for 1943-44 of Rs. 20 lacs at 3½ per cent., interest with a currency of 30 years, sanctioned under Corporation Resolution No. 859, dated the 10th January 1944.
(2) Rs. 73,566	being advance from the Net Premia Fund for purchase of Plant and Machinery repayable by annual equated instalments based on the average life of the Machinery at 3 per cent., interest per annum.
(3) Rs. 26,072	being advance from the Net Premia Fund for the Renewal of Road Surfaces for which no provision exists in the Renewal Fund repayable in 15 years based on the life of the surface as sanctioned under Corporation Resolution No. 21 dated the 13th April 1939.
Rs. 10,99,638	

The amount of 10 lacs under (1) above was raised by reserving the amount for investment of the Municipal Sinking and Special Funds.

The payments during the year were as under :—

(1) Rs.	38,22,642	repaid to Government on the basis of equated payments from revenue in respect of advances taken from them.
(2) Rs.	25,20,000	repaid to Debenture Holders out of Sinking Fund investments including Rs. 5,323 from the Net Premia Fund.
(3) Rs.	1,42,476	repaid to the different Special Funds out of revenue on the basis of equated payments in respect of the advances taken from the funds for capital works.
Rs.	64,85,118	

The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1943.	Interest, etc., realisations.	Sinking Fund instalments.	Total.	Withdrawn for repayment of loans.	Amount of the Fund on 31st March 1944.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
3,26,11,056	13,42,082	18,45,372	3,57,98,510	25,14,677	3,32,83,833

The value of securities held in the Sinking Fund Account on the basis of market rates prevailing on 31st March 1944 including accrued interest and cash exceeded the actuarial amount of the Sinking Fund by Rs. 21,46,214 which is held in the Sinking Fund Account. The proposal for utilising the surplus accumulations in the Sinking Fund for general Municipal purposes has been finally approved by the Corporation under their Resolution No. 958, dated the 31st January 1944 and a draft Bill for amending the Municipal Act for the purpose has been submitted to Government.

INCOME.

6. A detailed comparison between the Budget Estimate and the Actuals will be found in Appendix No. 3. The estimated income for the year was Rs. 3,79,67,625 against which the actuals amounted to Rs. 4,03,98,533 resulting in an incresse of Rs. 24,30,908.

The following are the main heads contributing to the increases and decreases :—

Budget Head.	Amount of Increase.	Amount of decrease.	REMARKS.
	Rs.	Rs.	
(1) *General Tax Indirect Taxation, etc.*— A.—General Tax ...	11,20,810		The increase aggregated to Rs. 11,69,284 and was due to increase in general tax from (1) Public Rs. 8,86,028 due partly to clearing up of old outstanding bills and partly to a large reduction in the number of vacancies and consequent saving on refunds and draw-backs and also due to altertions and additions to several properties, (2) Government Rs. 80; (3) Port Trust Rs. 9; (5) Mills Rs. 2,61,067 due to revision of ratable values and (7) B. B. & C. I. Railway Rs. 22,100 counter balance by decrease of Rs. 43,432 from Improvement Schemes Properties and Rs. 42 from G. I. P. Railway.
B.—Town Duties ...	4,67,662		This is made up of a decrease of Rs. 6,90,676 in the amount of refunds paid during the year counterbalanced by a decrease of Rs. 2,23,014 in Town Duty Collections due to less import of grain, sugar and timber.
D.—Grants-in-aid in respect of fines for offences against the law ...	5,199		Due to more receipts from Government than anticipated.
E.—Interest and Profit on investments of Surplus Loans and other balances.	1,15,293		Due to larger balances being available for investment and better average rate of interest obtained than anticipated at the beginning of the year.
(2) Water Works ...	3,67,352		Increased receipts mainly under (1) On Rateable values Rs. 1,82,188; (2) By Measurement Rs. ,1,42,897; (4) Compounded Tax Rs. 24,964; and (6) Miscellaneous Receipts Rs. 16,599.
(3) Education ...		7,306	Mainly due to less contribution from Government.
(5) Public Health Department ...	30,482		The increase is made up of increased receipts from— (1) Miscellaneous receipts ... Rs. 13,614; (2) Miscellaneous fees ... 11,103; (3) Rent of Buildings ... 2,847; (c) Grant-in-aid from Government for the duty-free supply of spirituous medical preparations for the use of Hospitals and Dispensaries ... 3,914; [total] 31,478; counterbalanced by a decrease under sale of rights of Rs. 996.
(6) Medical Relief and Education ...	26,814		Due to increased receipts mainly under C.—Receipts from Gordhandas Sunderdas Medical Colllege, Rs. 5,063; (D) Receipts from K. E. M. Hospital, Rs. 4,916 and (G) Grant-in-aid from Government in respect of Excise duty, etc., for spirituous articles, Rs. 13,223.
(7) *Street Cleansing and Conservancy*— A.—Halalkhore Tax ...	2,91,425		This is made up of increase of Rs. 2,46,047 under (1) On Rateable value and Rs. 45,378 under (2) For Special service.
B.—Miscellaneous ...	76,044		This is due to increased receipts under (1) Sale of rights Rs. 3,132, (2) Miscellaneous receipts Rs. 11,707, (3) Miscellaneous Rs. 60,365 due mainly to the services rendered to the Military and (4) Rent of Buildings Rs. 840.

Budget Head.	Amount of Increase.	Amount of decrease.	REMARKS.
(8) *Roads, Drains and Sewers*— A.—Wheel Tax	3,21,989		The increase is due to more receipts than anticipated under (1) Private conveyances Rs. 4,08,537 made up of Rs. 1,05,000 on account of tax on taxis shown under this head instead of under Public conveyances and Rs. 3,03,537 on account of taxing of hand-carts, bullock-carts, etc., counter-balanced by decrease of Rs. 86,548 under (2) Public conveyances.
B.—Ground Rent		71,530	The decrease is mainly due to the non-realisation of way-leave rent from the Bombay Telephone Co., now taken over by the Government of India.
C.—Miscellaneous		6,360	Due to decrease in receipts as under (1) Miscellaneous fees Rs. 22,060. (2) Rent of Buildings and Lands, Rs. 3,110 counter-balanced by an increase of Rs. 18,810 under Miscellaneous receipts
(10) Buildings, Land Acquisition and Management	52,637		This is made up of increases as under:— Rs. (B) Rent of Buildings ... ... 3,942 (C) Ground Rent ... ... 7,169 (D) Miscellaneous Receipts— (1) Sale of rights and miscellaneous receipts. 10,223 (2) Miscellaneous fees 31,303
(11) Fire Brigade	66,974		The main items that contributed to the increase are:— A.—Fire Tax; (1) Public Rs. 38,541; and (5) Mills Rs. 11,604. and B.—Miscellaneous, Miscellaneous receipts Rs. 16,174
(12) Licensing and Removal of Encroachment on Public Streets ...	1,08,651		The increases are made up of increased revenue under:— Rs. A.—Licenses for dangerous and offensive trades... 33,775 (B) Removal of Encroachments on Public Streets... 16,545 (C) Miscellaneous—Miscellaneous Receipts ... 468 Advertisements ... ... 14,738 (D) Grant-in-aid from Government for the Administration of Shops and Establishments Act of 1939 43,125
(14) Markets and Slaughter Houses ...	3,57,284		Due to more receipts than anticipated received under following heads:— Rs. (1) Stall Rents ... ... 46,963 (2) Squatters Fees ... ... 45,704 (3) Fair ground and feeding fees ... 86,500 (4) Slaughter fees ... ... 1,21,547 (5) Miscellaneous receipts ... ... 26,207 (6) Rent of Buildings and Lands ... ... 1,798 (7) Cold Storage Rent 28,565
(15) Contribution from Capital Funds to Revenue on account of Loan Works Staff.		7,788	Due to less works being executed than provided for in the Budget.
(16) Extra-ordinary Receipts— (*b*) Transfer from Land Sales Reserve Fund ...		9,50,000	As the final accounts show a surplus balance, it was not necessary to transfer any amount from the Land Sales Reserve Fund.
(17) Rebate from Government on account of collection of the Urban Immovable Property Tax in the City.	13,107		Due to clearing up of old outstandings from the Public.
(18) Excess accumulations in the Plant and Machinery Depreciation Fund.	43,534		Accumulations in respect of Road Rollers sold to Government were transferred to Revenue as the Rollers are not required to be replaced.

7. The position as regards our income from General Tax, Water Tax and Halalkhore Tax will be seen from the sub-joined statement :—

———	1943-44.	1942-43.	Increase.
	Rs.	Rs.	Rs.
1.—General Tax (including Fire Tax) at $11\frac{1}{2}$ per cent. :— Total collections booked	1,60,48,410	1,54,62,893	
Deduct— Recoveries for previous years	7,12,477	11,11,626	
	1,53,35,933	1,43,51,267	
Add— Outstandings for the year at the close of the year ...	9,37,230	10,95,898	
Total ...	1,62,73,163	1,54,47,165	
2.—Water Tax at $3\frac{3}{4}$ per cent. and Water charges by measurement and at compounded rate :— Total collections booked	99,16,861	90,40,747	
Deduct— Recoveries for previous years	4,75,304	2,93,705	
	94,41,557	87,47,042	
Add— Outstandings for the year at the close of the year ...	7,04,684	5,11,946	
Total ...	1,01,46,241	92,58,988	
3.—Halalkhor Tax at 3 per cent. and for special service :— Total collections booked	41,21,425	38,74,536	
Deduct— Recoveries for previous years	2,37,633	1,89,247	
	38,83,792	36,85,289	
Add— Outstandings for the year at the close of the year ...	2,98,585	2,82,979	
Total ...	41,82,377	39,68,268	
Net demand on account of Property Taxes inclusive of refunds...	3,06,01,781	2,86,74,421	19,27,360

TOWN DUTIES.

8. The various articles on which duty was levied at the time of import under the provisions of Section 192(1) of the Municipal Act, the amount levied and refunds allowed thereon under Section 195 on their export are shown in Appendix No. 17.

The gross collections for the year were estimated at Rs. 22,30,000, the refunds and commission charges at Rs. 10,80,000 and the net revenue at Rs. 11,50,000. The revenue collected and paid into the Municipal Treasury in the year amounted to Rs. 20,06,986 and after deducting the amount of Rs. 3,89,324 on account of refunds, the net receipts amounted to Rs. 16,17,662 showing an increase of Rs. 1,35,013 as compared with the actuals of the previous year. The refunds during the previous year amounted to Rs. 8,82,609. The decrease on account of refunds was due to direct export of grain and sugar due to war.

SALE PROCEEDS OF LAND.

9. The balance to the credit of the Fund at the beginning of the year was Rs. 26,43,485. The interest realized on this fund during the year amounted to Rs. 80,369. The total investments in the Fund thus amounted to Rs. 27,23,854. During the year the sale proceeds of surplus land amounted to Rs. 6,91,244 which fell short of the amount of Rs. 10 lakhs to be credited to revenue on this account by Rs. 3,08,756. This amount was therefore transferred from Land Sales Reserve Fund to Revenue to make good the deficit in the amount of sale proceeds of land to be credited to Revenue as sanctioned under Corporation Resolution No. 705, dated the 19th December 1935. The balance in the Land Sales Reserve Fund on 31st March 1944 is thus Rs. 24,15,098. Out of this amount a sum of Rs. 22,25,000 has been advanced for meeting expenditure on Capital Works, leaving a balance of Rs. 1,90,098 as shown in Appendix No. 6. The area of Surplus Municipal land available for sale at the end of the year was about 64,334 square yards (excluding the areas for which there are no enquiries) of the approximate value of Rs. 7,64,485.

REVENUE EXPENDITURE.

10. The final sanctioned grants amounted in the aggregate to Rs. 4,25,84,816 as follows :—

		Rs.
Budget Grants	...	3,88,31,272
Unexpended Grants for previous years renewed for expenditure	...	15,23,535
Additional Grants	...	22,30,009
Final Sanctioned Grants	...	4,25,84,816

The transfers from one Budget head to another without affecting the total Budget provision for the year amounted to Rs. 9,43,947.

11. The total unexpended grants estimated to be renewed in 1944-45 aggregate to Rs. 10,77,000 against Rs. 16,73,000 in 1943-44 and the heads under which the renewals are required will be found in Appendix No. 4.

The nature of expenditure to be booked on this account may be classified as under :—

		Rs.
(1) Repairs including Special Repairs	...	2,41,400
(2) Stores and Materials	...	39,264
(3) New Works	...	76,255
(4) Law Charges, General	...	10,000
(5) Payment to Schools Committee	...	1,11,887
(6) Grain Compensation	...	9,332
(7) Civil Defence Measures	...	34,117
(8) Miscellaneous other charges	...	3,29,332
(9) Interest on Municipal Loans	...	2,00,430
(10) Grants-in-aid to Public Institutions	...	24,983
	Total	10,77,000

12. The final sanctioned grants for the year aggregated to Rs. 4,25,84,816 against which the actuals amounted to Rs. 3,90,96,449 leaving an unexpended balance of Rs. 34,88,367 at the close of the year. Of this Rs. 10,77,000 are being renewed for expenditure during 1944-45, the balance, *viz.* Rs. 24,11,367 being treated as savings on final grants sanctioned as detailed in Appendix No. 4.

The main factors contributing to the decreases of Rs. 5,000 and over are as follows :—

Budget Head.	Amount.	Remarks.
	Rs.	
I.—General Supervision, Collection of Revenues etc.—		
A.—General Superintendence—		
(*a*) Corporation and Standing Committee ...	5,497	Due to decrease mainly under Establishment Rs. 551 Printing, Rs. 3,404 and Advertisements, Rs. 1,141.
B.—Collection of Revenue—		
(*a*) Property and Wheel Tax Establishment.	6,068	Decrease under Establishment Rs. 4,272, Printing Rs. 421, and Contingencies Rs. 1,093.
(*b*) Town Duty Refund Branch ...	17,267	Due to decreaes mainly under Establishment, Rs. 8,348 and Contingencies (Sealing of tins, etc.), Rs. 8,202.
E.—Miscellaneous	6,394	Due to decrease mainly under Law Charges, Rs. 5,410, Establishment, Rs. 293 and Contingencies, Rs. 332.
F.—Election Expenses	57,952	Decrease under Establishment, Rs. 24,085, Printing, and Stationery Rs. 5,418 and Cost of Printing the Voters' List and the Electoral Rolls Rs. 27,177.
New Works	13,834	Due to the postponement of the work of construction of Town Duty Office at Duncan Causeway Rs. 13,023 and mall savings in other works Rs. 811.
II.—Water Works—		
A.—Establishment and Labour	5,726	Decrease under Establishment Rs. 4,728 and Labour Rs. 998.
B.—Repairs and Maintenance	36,319	Out of this Rs. 7,685 represent unspent balance of the previous year to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance.

Budget Head	Amount.	Remarks.
	Rs.	
		Decrease mainly under following heads (1) Materials for general works in Bombay Rs. 656, (2) Outside Bombay Rs. 854, (3) Repairs and paintings to Water Works Buildings in Bombay Rs. 834, (4) Repairs to Roads over trenches Rs. 16,333, (5) Repairs, cartage and transport Rs. 2,499, (6) Maintenance of Tansa Atgaon Road Rs. 572, (7) Maintenance of Trolley track, etc., Rs. 5,049 and (8) Taking gauging of Vaitarna river Rs. 712. The balance of Rs. 1,125 represents small savings under other items.
D.—Miscellaneous	24,064	The decrease is mainly under Maintenance and Upkeep of Pumps at Vehar Rs. 2,124 and Chlorinating the Bombay Water Supply Rs. 17,704.
Provident Fund and Pension Charges ...	14,056	Due to recovery from Government.
Debt Charges	23,789	Due to not raising the full amount of loan provided for the year.
III.—Education, Primary— Municipal Institutions	1,07,817	Due to less contribution required to be made to the Committee.
IV.—Education, Secondary— B.—Opening new Reading Rooms and Libraries...	9,999	Due to not opening of some of the new Libraries.
V.—Public Health Department— A.—General Supervision	14,396	Decrease mainly under Establishment Rs. 6,617, Clothing Rs. 1,735, Books and Dead Stock Rs. 538, Rat Dsestruction Rs. 3,135 and the balance of Rs. 2,763 represents small savings under other items
B.—Epidemics	7635	The decrease is mainly under Inoculation Rs. 5,745 and General Disinfectants Rs. 735.
C.—Vaccination	5,594	The decrease is mainly under Purchase of Lymph Rs. 3,867.
New Works	6,436	Out of this, Rs. 6,321 represent unsxepended balances of previous years under various new works to be renewed in 1944-45 by obtaining an additional grant from the Surplus Cash Balance and the balance of Rs. 115 represents savings.
VI.—Medical Relief and Education— A.—Hospitals and Maternity Homes— (*a*) K. E. M. Hospital	35,273	Out of this, Rs. 7,059 represent unspent balance of the previous years to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and the remining is mainly due to savings under following heads:— Rs. Establishment ... ... 9,258 Medicines and Instruments ... ... 2,593 Diets ... ... 4,934 Clothing ... ... 1,515 Stores ... ... 1,695 Contingencies ... ... 1,452 Repairs and Maintenance 4,563
(*b*) Infectious Diseases Hospitals ...	32,901	Out of this Rs. 7,936 are in respect of unspent balance in the grants of the previous years to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and the balance represents savings under the following heads:— Arthur Road Hospital. / Maratha Hospital. Rs. / Rs. Establishment ... 2,181 / 177 Medicines ... 1,731 / 347 Diets ... ... / 692 Contingencies ... 418 / 1,131 Repairs ... ... 749 / 956 Epidemics 14,882
(*c*) Maternity Homes ...	7,610	Due to savings mainly under, Establishment Rs. 1,689, Medicines Rs. 1,077, Contingencies Rs. 1,425, Rent Rs. 850 and Tuition Fees Rs. 2,023.
(*d*) Gordhandas Sunderdas Mecical College.	15,890	This is made up of savings mainly under the following heads:— Rs. Establishment ... ... 5,836 Stores ... ... 2,537 Contingencies ... ... 1,965 Printing and Stationery 656
New Works	19,199	Out of this, Rs. 16,416 represent unexpended balances of the grants for previous years to be renewed in 1944-45 by obtaining additional grant from the Surplus Cash Balance and balance is made up of mall savings under other items.
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service— A.—Street Cleansing and Conservancy— (*a*) Superintendence and Inspection ...	7,316	The decrease is under Establishment Rs. 5,651, Clothing and Miscellaneous Rs. 1,292 and Printing and Stationery Rs. 373
(*c*) Street Cleansing and Conservancy— A.—Scavengering	11,911	Due to decrease under Establishment Rs. 4,159, Clothing Rs. 4,369 and the balance represents small savings under other heads.
(*e*) Removal of Town refuse to Tardeo for transport to Deonar— (1) Bullock Traction	35,220	The decrease is mainly due under Labour Rs. 2,222, Feed of Bullocks Rs. 16,969 and Repairs and Maintenance of carts Rs. 12,978.

Budget Head.	Amount	REMARKS.
Rs.	Rs.	
(3) Loading siding	36,298	Mainly due under Maintenance and Repairs Rs. 34,487.
(*j*) Miscellaneous	10,428	Due to decrease under Repairs and Maintenance of Buildings Rs. 1,365, Rent Rs. 161 and Water Supply and Water charges Rs. 5,626 and the balance of Rs. 3,276 represent unexpended balance of the previous years to be renewed by obtaining additional grant from Surplus Cash Balance.
D.—Halalkhore Service—		
(*a*) Cleansing and Sanitation	5,765	The decrease is mainly under Labour Rs. 3,096, Clothing Rs. 794 and Lighting Rs. 1,355.
(*b*) Bullock Traction	5,966	Due to decrease mainly under Labour Rs. 1,258, Feed of Bullocks Rs. 3,264, Repairs and Maintenance of carts Rs. 838.
(*c*) Miscellaneous	24,162	The main decreases are under (*a*) Chawls and Stables Rs. 15,155 and Water Supply and Water Charges Rs. 6,052.
New Works	28,504	Out of this Rs. 2,809 represent unexpended balance of previous year to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and the balance forms small savings under various new works.
VIII.—Roads, Drains and Sewers—		
A.—General	21,833	Due to decreases mainly under General Supervising Establishment Rs. 18,732, Printing and Stationery Rs. 1,568 and Contingencies Rs. 1,110.
B.—Maintenance of Roads	81,478	The decreases are mainly under Establishment Rs. 15,478, Repairs and Maintenance of Roads Rs. 46,756, Improvements, of Katcha Foot-paths Rs. 1,931, Miscellaneous Rs. 3,669 Repairs to Capital Roads Rs. 1,116, Street Improvements (Metalling Roads acquired by set-backs) Rs. 4,683.
C.—Public Lighting	99,851	This is mainly due to decreases under Establishment Rs. 1,714, Gas and Electric Lighting Rs: 86,390 and Oil Lighting Rs. 4,799
D.—Cleansing of Drains, Sewers and Street connections	24,187	This is made up of savings under Establishment Rs. 2,611. Labour Rs. 13,484, Hire of carts, etc., Rs. 960 and Repairs and Maintenance Rs. 4,139 and the balance of Rs. 2,993 under other heads.
New Works	13,408	Out of this Rs. 770 represent unexpended balance of previous year to be renewed in 1944-45 by otbaining additional grant from Surplus Cash Balance Rs. 1652 under petty Drainage works Rs. 1457 under construction of new manholes over S. W. Drains in the city Rs. 4813 under Erection of Ven Shafs over S. W. Draina Rs. 1424 under Improvemts of Private Street at the junction of Lady Jamshedji Road and pais Street Rs. 1894 under Bathing & Washing places for Drainage Staff at Babula Tank Cross Lane and the balance Small savings under other items of New Works.
Debt Charges	26,692	Due to not raising full amount of the loan provided for the year.
IX.—Mechanical—		
C.—Purification Works	5,585	Rs. 1,206 represent unexpended balance of previous years to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and the balance due to decrease under Establishment Rs. 209, Labour Rs. 628, Electric current Rs. 750, Repairs and Maintenance Rs. 1,402 and Stores and Materials Rs. 1,271.
D.—Transport—		
7.—Removal of Town Refuse to Tardeo for transport to Deonar	9,476	This is mainly under Establishment Rs. 490, Clothing Rs. 2,931 and Depreciation Rs. 5,954.
X.—Buildings,—Land Acquisition and Management—		
C.—Architectural	7,199	Decrease mainly under Establishment.
D.—Land Acquisition and Management ...	8,081	Out of this, Rs. 1,405 represent unexpended balance of the previous year to be renewed for expenditure in 1944-45 by obtaining additional grant from Surplus Cash Balance and small savings under other items including Rs. 4,984 under Repairs and Maintenance.
XI.—Fire Brigade	48,111	Due to decrease mainly under Establishment Rs. 16,561, Repairs Rs. 2,593, Rent Rs. 9,867, Stores Rs. 13,621 and the balance small savings under other items.
XIII.—Gardens and Open Spaces—		
A.—Gardens—		
(*a*) Victoria Gardens	8,978	Decrease mainly under Repairs Rs. 5,590 and zoological collections Rs. 2,251.
New Works	8,330	Out of this, Rs. 5,313 represent unexpended balances of the previous year to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and the balance being small savings under other items including Rs. 3,000 under R. C. C. Structures for animals in the Infirmary at Victoria Gardens.
XIV.—Markets and Slaughter Houses—		
A.—Markets and Slaughter Houses—		
(*b*) Municipal Markets	17,155	Out of this, Rs. 6,705 represent unspent balance of the previous year to be renewed in 1944-45 by obtaining additional grant from Surplus Cash Balance and other decreases are mainly under Establishment Rs. 3,557, Lighting Rs. 1,473 and Repairs Rs. 4,525.
(*c*) Slaughter Houses	13,002	Due to the decreases mainly under Establshment, Rs. 867, Feed of cattle brought for slaughter Rs. 9,072 and Repairs Rs. 1,178.
XVI.—Provident Fund, Pensions, Gratuities and Compassionate Allowances—		
A.—Provident Fund	11,198	Due to recoveries from Government and other private parties for carrying out works on their behalf.
B.—Pensions, Gratuities, & etc.	65,131	Out of this, Rs. 42,000 represent provision for payment of pensions in lieu of gratuities and the balance due to less expenditure on pensions on account of deaths.
XVIII.—Grain Compensation	5,65,669	Due partly to charges in respect of staff under Advances and Suspense Heads being met from grants under those heads, partly to curtailment of Loan Works Programme and partly to absentees amongst the staff.
XIX.—Grants-in-aid to Public Institutions ...	5,734	Mainly due to decrease in the grant required to be given to Bai Jerbai Wadia Children's Hospital.
XX.—Measures for Civil Defence	6,15,406	Due to improvement in the war situation, many works were not executed.

LOAN FUNDS.

13. The amount of new loan to be raised proposed in the Budget for 1943-44 was Rs. 31,50 lacs. On the basis of the revised loan works programme of the year the amount of this loan was reduced to Rs. 20 lacs and the provision for the same was made in the Loan Works Revised Estimates for the year. As the loan works expenditure fell short of the budgetted expenditure, the amount actually raised to finance the Capital Expenditure including purchase of Plant and Machinery and renewal of surfaces of roads for which no Renewal Fund exists and of roads taken over from ex-Trust, was Rs. 10,99,638 as detailed in paragraph 5 above.

LOAN WORKS EXPENDITURE.

14. The opening balance on 1st April 1943 on account of Loan Funds including the advance from Special Funds for the purchase of Plant and Machinery and for Renewal of Surfaces of Roads for which no Renewal Fund exists but excluding the Trust Funds was Rs. 17,29,977. Adding to this Rs. 10,99,638 raised during the year the total funds available for expenditure were Rs. 28,29,615. The total expenditure incurred during the year amounted to Rs. 19,02,864 leaving an unspent balance of Rs. 9,26,731 at the close of the year.

15. The following statement contrasts the expenditure on Capital Works with the Budget and Revised Estimates during the last five years :—

Year.	Loan and Trust Fund.			Percentage by which actuals fell short of Budget Estimates.	Percentage by which actuals fell short of Revised Estimates.
	Budget Estimates.	Revised Estimates.	Actuals.		
	Rs.	Rs.	Rs.		
1939-40 ...	65,77,512	94,14,328	54,53,383	17	42
1940-41 ...	50,23,263	76,82,864	43,16,316	14	44
1941-42 ...	41,16,573	52,40,984	27,33,508	34	48
1942-43 ...	35,80,759	39,65,726	19,52,350	45	51
1943-44 ...	23,67,960	38,52,732	19,13,154	19	50

The above figures do not include the amount on account of subvention, discount and other charges on the New Loan and Repayment of Advance taken from the Land Sales Reserve Fund.

The Revised Estimates adopted by the Corporation were for Rs. 40,79,732 including Rs. 6,000 on account of subvention, Rs. 21,000 on account of charges for raising the new loan, Rs. 2,00,000 for Repayment of Advance taken from the Land Sales Reserve Fund and Rs. 34,039 on account of the estimated expenditure under the Trust Fund. The amount of Rs. 19,13,154 shown as the actual expenditure is arrived at as follows :—

	Rs.	Rs.
Expenditure as shown in the summary of Appendix No. 8 including expenditure under Trust Fund and credit on account of assets written off		18,70,735
Deduct—		
Expenditure on account of subvention	1,140	
Expenditure for raising the new loan	15,000	
		16,140
		18,54,595
Add—		
Assets written off		58,559
		19,13,154

16. The following table gives the classification of all the Loan Works under distinctive groups for the purpose of appraising the distinctive character and value to the City in relation to the outlay, the allocation of outstanding debt as on 31st March 1944 and the debt charges involved during 1943-44 :—

Particulars of City Services	Amount of Loan outstanding on 31st March 1944.	Debt Charges for 1942-43.				Total Debt Charges.
		Debt Interest.	Interest accrued but not paid.	Sinking Fund and Repayments.	Bank's Commission and Miscellaneous Loan Charges.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
General Services ...	8,01,46,565	35,91,497	...	31,70,774	9,003	67,71,274
Self-supporting Services—						
Water Works ...	5,79,09,100	29,17,705	...	24,92,990	10,669	54,21,364
Fire Brigade ...	7,47,842	31,602	...	38,572	27	70,201
Markets and Slaughter Houses ...	18,83,424	86,652	...	1,08,154	67	1,94,873
Total ...	6,05,40,366	30,35,959	...	26,39,716	10,763	56,86,438
Grand Total ...	14,06,86,931	66,27,456	...	58,10,490	19,766	1,24,57,712

SINKING FUNDS.

17. From Appendix No. 10 it will be seen that the book value of the Sinking Funds as on 31st March 1944 amounted to Rs. 3,32,83,833 made up of Rs. 3,32,83,587 being the book value of securities and Rs. 246 in cash with the Imperial Bank of India. Valuing the Municipal and Improvement Trust Debentures at par, the market value of Sinking Fund Investments held on 31st March 1944 comes to Rs. 3,56,22,088 as shown in Appendix No. 16 A. This, together with the amount of interest accrued upto 31st March 1944, *viz.*, Rs. 3,34,089 and cash with the Imperial Bank of India, Rs. 246 brings the total amount of Sinking Fund to Rs. 3,59,56,423 and more than covers the amount, *viz.*, Rs. 3,38,10,209 to which the Sinking Fund should have accumulated upto 31st March 1944. The excess in the Sinking Fund Investments account is thus Rs. 21,46,214.

INVESTMENTS AND INVESTED BALANCES.

18. The details of investments made during the year are as follows :—

Particulars.		Amount.	Average No. of Days.
		Rs.	Rs.
(1) Current Account Deposits	...	1,19,75,000	64.67
(2) Fixed Deposits	...	3,51,00,000	141,15
(3) Three Months Government of India Treasury Bills	...	4,74,035	7
Total	...	4,75,49,035	123.92

The interest earned during the year amounted to Rs. 3,26,023 and the details are as follows :—

	Rs.
(1) On Current Account Deposits	5,299
(2) On Fixed Deposits	1,81,263
(3) On Treasury Bills	73
(4) On Investments in Public Securities, etc.	1,39,388
Total ...	3,26,023

The average rate of interest on Current Account Deposits was .25 per cent., against .37 per cent. in the preceding year. The average rate of interest on fixed deposits was 1.06 per cent. as against 1.09 per cent. in the preceding year. The average rate of interest on Treasury Bills was .80 per cent. as against .72 per cent. in the preceding year. The rate realized on fixed deposits ranged from 3/4 per cent., to 1½ per cent., The maximum rate realized on fixed deposits in the preceding year was 1¾ per cent.

The average rate of interest on all deposits was .97 per cent. *i.e.* the same as in the preceding year.

RESERVE STOCK.

19. The opening balance and the receipts of General Stores during the year as per books maintained in this office were Rs. 5,66,256 and Rs.13,91,854 respectively, and the issue amounted to Rs.12,16,282. The closing balance of General Stores was, therefore, Rs. 7,41,828, *i.e.*, more by Rs. 1,75,572 than the opening balance.

20. The balances of General Serviceable Stores in charge of the Controller of Stores are compared below for the last five years :—

	Rs.
Balance at the close of 1939-40	2,46,486
" " 1940-41	2,66,953
" " 1941-42	3,75,899
" " 1942-43	5,66,256
" " 1943-44	7,41,828

CAPITAL STORES.

The opening balance of Rs. 2,60,392 together with the receipts of Capital Stores during the year aggregated to Rs. 6,27,306 and the issues to Rs. 3,78,991 thus resulting in a decrease of Rs. 12,077 in the closing balance of Capital Stores, *viz.*, Rs. 2,48,315 compared with the opening balance.

DEPARTMENTAL STOCK VERIFICATION.

21. Detailed verification of the reserve stock at the Central Stores and the two Sub-Depots at Foras Road and the B.B. Pipe Depot for the year 1943-44 was commenced in March 1944 and was still in progress.

Verification of all consumable stores including Stationery, Animals, Furniture, etc., was continued during the year. The programme of verification was altered at times and surprise checks were instituted in the various offices situated in different parts of the City. The registers both of the Municipality and the Improvement Trust Schemes were found posted regularly and minor discrepancies were rectified as early as possible.

STREET IMPROVEMENTS.

22. The provision made in the Revised Loan Works Budget for meeting claims on account of acquisition of set-backs was Rs. 3,49,750 (excluding Rs. 1,50,250 earmarked for adding setback lands to the roads), the expenditure being Rs. 3,16,530. This leaves a balance of Rs. 33,220.

After deducting all ascertained time-barred claims, the undischarged commitments upto 31st March 1944 in regard to set-backs already acquired and sanctioned to be acquired amount to Rs.7,82,556 against which we have a provision of Rs. 4,00,000 (excluding Rs. 50,000 earmarked for adding set-back lands to the roads) in the Budget for 1944-45. In addition to this, further liabilities may be expected on account of further acquisition of set-backs that will be sanctioned during 1944-45.

LEVELLING, METALLING, ETC., PRIVATE STREETS.

23. The expenditure on the improvement of private streets is financed in the first instance from the Plant and Machinery Depreciation Fund pending recovery from the house owners.

The following statement shows the figures of advance sanctioned, expenditure incurred and recoveries made during the last five years :—

Year.	Grant (Advance from Plant and Machinery Depreciation Fund).	Expenditure				Recoveries inclusive of Interest and Supervision Charges.
		Actual Expenditure on Works.	Supervision Charges.	Interest, etc., on Advance.	Total	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1939-40	1,38,535	20,699	...	4,776	25,475	13,957
1940-41	1,40,500	54,718	...	5,622	60,340	41,062
1941-42	1,06,000	31,171	...	5,683	36,854	53,485
1942-43	1,04,000	11,863	1,225	4 975	18,063	42,934
1943-44	76,670	1,354	2,492	3,585	7,431	33,257
				Total ...	1,48,163	1,84,695

The amount outstanding on 1st April 1939 was Rs. 98,644. Adding Rs. 1,48,163 on account of expenditure incurred during the years 1939-40 to 1943-44 and deducting Rs. 1,84,695 recovered during the same period, the amount outstanding at the close of the year 1943-44 comes to Rs. 62,112 as shown in Appendix No. 5.

GRAIN-SHOPS.

24. The value of stock of grains in hand with the Controller of Stores on 1st April 1943 was Rs. 32,056-2-0 and the expenditure on the grain shops during the year amounted to Rs. 25,990-4-0 making a total of Rs. 58,046-6-0 against which the receipts amounted to Rs. 61,344-4-3 resulting in excess receipts over expenditure of Rs.3,297-14-3 which together with excess receipts over exepeknditure of Rs. 14,057-7-6 in the previous year has been credited to th Fines Fund from which an Advance of Rs. 1 lakh was taken to finance the expenditure on the grain shops as sanctioned by the Corporation Rosolution No. 30, dated the 26th April 1944.

MEASURES FOR CIVIL DEFENCE.

25. Owing to an appreciable improvement in the war situation during the year, a number of A.R.P. schemes were curtailed with a view to bringing down the expenditure to the minimum.

The final grants sanctioned during the year aggregated to Rs. 21,73,300 against which the actuals amounted to Rs. 10,91,833 (*vide* Appendix No. 4A). The decrease in expenditure was due to the curtailment of A.R.P. activities.

The final sanctioned grants of Rs. 21,73,300 above referred to are made up of Government allotment of Rs. 11,42,155 and Municipal allotment of Rs. 10,31,145.

Against the allotment of Rs. 11,42,155 on Government account the expenditure booked during the year (excluding Provident Fund, etc., contribution and supervision charges) amounted to Rs. 7,10,211 which together with the opening outstanding balance of Rs. 2,82,082 came to Rs. 9,92,293. Recoveries effected during the year aggregated to Rs. 6,45,858 leaving a balance of Rs. 3,46,435 as outstanding at the close of the year which is covered by the deposit of Rs. 3½ lakhs (original deposit Rs. 5 lakhs minus Rs. 1½ lakhs refunded to Government during the year) held by the Municipality on Government account to meet the Government share of expenditure on A.R.P. Measures pending subsequent recoupment. In addition a sum of Rs. 44,153 due on account of (1) leave contribution at 12½ per cent. Provident Fund contribution at 8⅓ per cent. and (2) supervision charges at 5 per cent., amounting to Rs. 8,925 and Rs. 35,228 respectively, in respect of bills paid by Government was also recovered from them.

As regards the allotment of Rs. 10,31,145 on Municipal Account chageable to the head "XX—Measures for Civil Defence", the expenditure booked was Rs. 3,81,622 leaving an unexpended balance of Rs. 6,49,523 at the close of the year. Of this, Rs. 34,117 are being renewed for expenditure during 1944-45, the balance *viz.*, Rs. 6,15,406 being treated as savings on final sanctioned grants as detailed in Appendix No. 4A.

IMPROVEMENT SCHEMES.

General Account.

Income.

26. The total income for the year amounted to Rs. 95,45,318 against Rs. 87,27,883 for the preceding year showing an increase of Rs. 8,17,435 made up of increases in (1) Land Revenue realisations of Rs. .63 lakhs, (2) Contribution from the Corporation of Rs. 1.58 lakhs, (3) Tobacco Duty Receipts of Rs. 5.87 lakhs, and (4) Miscellaneous Receipts of Rs. .09 lakh. A detailed comparision between the Budget Estimates and the Actuals will be found in Appendix No. 23.

EXPENDITURE.

27. The total expenditure for the year aggregated to Rs. 97,94,621 as against Rs. 1,03,47,830 for the preceding year showing a decrease of Rs. 5,53,209. This is made up of a decrease of Rs. 6.28 lakhs under Repayment of Excess amount of contribution received from the Municipal Corporation and Rs. .14 lakh under Debt Charges counterbalanced by an increase of Rs. .89 lakh under Maintenance of Properties and Streets.The expenditure of Rs. 97.94 lakhs comprises expenditure of Rs. 18.46 lakhs under Maitenance of Properties and Streets inclusive of the Cost of Management and Establishment and of Rs. 79.48 lakhs under Debt Charges. Appendix No. 24 gives a comparison between the Final Sanctioned Grants and the actuals for the year.

28. The net deficit for the year amounted to Rs. 2,49,303 as shown in Appendix No. 22.

LOANS.

29. The loan liabilities at the beginning of the year stood at Rs. 16,17,88,592. No loan was raised during the year.

The repayment of loans during the year aggregated to Rs. 5,08,086 out of which Rs. 507,586 were repaid to Government on the basis of equated payments out of Revenue in respect of advances taken from them and Rs. 500 were credited to revenue out of the 6½ pe cent. loan of Rs. 30 lakhs, 1931, as the claim of the debenture holder has become time-barred as it remained unpaid for over 6 years from the date fixed for its repayment. The outstanding loan liabilities at the close of the year thus stood at Rs. 16,12,80,506. Out of this, the amount outstanding on account of Government loans shown in Appendix No. 29 as Rs. 8,53,86,506 requires some explanation as the whole amount is not really due to Government. Out of the debentures held by Government, debentures are repurchased every year for the purpose of Sinking Fund investments and the debentures thus held on 31st March 1944 amount to Rs. 2,45,00,000. The liabilty to Government on this account is therefore only Rs. 6,08,86,506.

CAPITAL ACCOUNT.

30. The opening balance on 1st April 1943 was Rs. 83,42,449. During the year under report, receipts on account of sale proceeds of lands and buildings amounted to Rs. 42,12,490. The total funds available were Rs. 1,25,54,939. Against this, the expenditure incurred on works amounted to Rs. 4,96,639. The deficit in the General Account for the year amounted to Rs. 2,49,303 and was met from the balance in the Capital Account. Thet amount of Rs. 500 out of the 6½ per cent. loan of Rs. 30 lakhs of 1931 was credited to Revenue as the claim of the debenture holder has become time-barred as it remained unpaid for more than 6 years from the date fixed for its repayment. The unspent balance at the close of the year thus stood at Rs. 1,18,08,497.

EXPENDITURE ON SCHEMES.

Appendix No. 26.

31. The actual expenditure incurred during the year on Schemes amounted to Rs. 4,96,639 as against the Revised Estimates of Rs. 10,95,117 (including Rs. 1,74,172 on account of Cost of Management and Establishment). The total expenditure on Schemes upto 31st March 1944 amounted to Rs. 18,96,17,720 of which Rs. 14,65,586 represent discount and other charges on loans.

SINKING FUNDS.

32. The state of the Sinking Fund is shown below :—

Amount of Fund on 1st April 1943.	Interest, etc. realizations.	Sinking Fund Instalments.	*Deduct*—Withdrawn for repayment.	Amount of the Fund on 31st March 1944.
Rs.	Rs.	Rs.	Rs.	Rs.
3,10,38,866	13,99,907	5,80,959	...	3,30,19,732

From Appendix No. 28 it will be seen that in the books of Accounts the Sinking Fund as on 31st March 1944 amounts to Rs. 3,30,19,732 of which Rs. 3,30,19,601 represent the book value of the securities and Rs.131 in cash with the Imperial Bank of India. Valuing the Bombay Improvement Trust and Municipal Debentures at par, the market value of the Sinking Fund Investments held on 31st March 1944 comes to Rs. 3,33,55,804 as shown in Appendix No. 30. This, together with the amount of interest accrued upto 31st March 1944, *viz.*, Rs. 1,22,650 and cash with the Imperial Bank of India, *viz.*, Rs. 131 brings the total amount of Sinking Fund to Rs. 3,34,78,585 against Rs. 2,86,96,199, the amount to which the Sinking Fund should have accumulated upto 31st March 1944. The excess in the Sinking Fund Investments account is thus Rs. 47,82,386.

The total amount of loans raised for Improvement Schemes and outstanding on 31st March 1944 comes to Rs. 1,612 lakhs. Out of this Rs. 378 lakhs are borrowed from Government the repayment of which is arranged on the basis of half-yearly equated payments. The balance of Rs. 1,234 lakhs represents loans raised by issue of debentures. Out of this, Rs. 476 lakhs are borrowed from Government and Rs. 758 lakhs from the Public. As regards the revision of theoretical calculations of the Sinking Fund mentioned in paragraph 32 of the Administration Report for 1942-43, a report was submitted to the Standing Committee and the Corporation who have approved of the deficiency in the theoretical accumulations of the Sinking Fund being set off against the existing excess accumulations in that Fund. *Vide* Standing Commitee Resolution No. 1636 dated the 19th January 1944 and Corporation Resolution No. 1012 deted the 7th February 1944 respectively) Accordingly, the theoretical accumulations in respect of these loans have been shown in Appendix No. 28 on the basis of the revised calculations now made.

LIABILITIES AND ASSETS.

Appendix No. 25.

33. The gross capital liabilities of the Improvement Schemes stood at Rs. 16,60,38,996 at the close of the year under report and the assets at Rs. 23,92,04,439 including book value of lands comprised in Schedules 'W' and 'X' resulting in a surplus of Rs. 7,31,65,443, the details whereof are shown in Appendix No. 25.

General Remarks.

(000 Omitted after Rs.)

34. In the Budget Estimates for the year the total income was estimated at Rs. 3,79,68 and the total expenditure at Rs. 3,88,31, the budget deficit being Rs. 8,63. The actual income realised for the year was Rs. 4,03,98 and the total expenditure aggregated to Rs. 3,90,96 showing a surplus of Rs. 13,02. On scrutinising the details it will be seen that the total gross increases in Revenue amounted to Rs. 33,98 while the decreases in income amounted to Rs. 9,68, the net increase in income being Rs. 24,30. There were increases in income under General Tax Rs. 11,21, Town Duties Rs. 4,68, Grant-in-aid in respect of Fines for Offences against Law Rs. 5, Interest and Profit on Investments of Surplus Loan and other balances Rs. 1,15, Interst and Profit on Plant and Machinery Depreciation Fund Rs. 2 and Miscellaneous Rs. 4. Under Water Works there was an increase of Rs. 1,82 in the Tax on Rateable value, Rs. 1,43 in the Revenue by Meter Measurement, Rs. 25 in the Revenue from Compounded Tax and Rs. 17 under Miscellaneous Receipts. The total increase in Revenue under this head was Rs. 3,67. The other increases were under Public Health, Rs. 31, Medical Relief and Education, Rs. 27, Street Cleansing and Conservancy, Rs. 3,67 (Rs. 2,91 under Halalkhore Tax and Rs. 76 under Miscellaneous) Roads, Drains and Sewers, Rs. 2,44 (made up of increase of Rs. 4,08 under Wheel Tax from Private conveyances, conuterbalanced by decreases of Rs. 86 under Public conveyances, Rs. 72 under Ground Rent and Rs. 6 under Miscellaneous), Buildings, Land Acquisition and Management, Rs. 53, Fire Brigade, Rs. 67, Licensing etc., Rs. 1,09, Markets and Slaughter Houses, Rs. 3,57, Extra-ordinary receipts under interest on Net Premia Fund, Rs. 4, Rebate from Government on account of collection of Urban Immovable Property Tax, Rs. 13, and Excess accumulations in Plant and Machinery Depreciation Fund, Rs. 44. The decreases in Revenue were made up of Primary Education, Rs, 7, Mechanical, Rs. 3, Contribution from Capital Funds to Revenue on account of Loan Works staff Rs. 8, and Transfer from Land Sales Reserve Fund, Rs. 9,50.

Although the large improvement in revenue should be very welcome it is necessary that we should analyse how it has occured as it is not desirable to have so large a variation between estimates and actuals. A careful examination will show that the increase in revenue from General Tax from the Public is mainly due to a large reduction in the number of vacancies and consequent saving on refunds and drawbacks which could not have beeen anticipated. The increases under Water Works, Street Cleansing and Fire Brigade follow the increase in General Tax. The increase under Town Duties is due to less refunds than were anticipated. under Roads, Drains and Sewers due to increase in the number of conveyances and the taxing of Hand-carts and Bullock-carts which had hitherto escapd the tax. The increase under Markets and Slaughter Houses is due to increased receipts on account of Fair Ground and Feeding Fees and Slaughter Fees due to a heavy demand of meat from the Military. The other increases do not call for any remarks.

The expenditure for the year as compared with the Budget Estimates showed an increase of Rs. 2,65. The main heads which contributed to this increase were Rs. 43 under General Supervision etc., Rs. 3,18 under Primary Education, Rs. 40 under Public Health, Rs. 2,47 under Medical Relief and Educatin, Rs. 1,43 under Street Cleansing etc., Rs. 30 under Mechanical, Rs. 4 under Licensing etc., Rs. 1,17 under Markets, Rs. 62 under Contribution towards Improvement Schemes and Rs. 81 under Grants-in-aid to Public Institutions. The total increases amounted to Rs. 10,85. The increases under General Supervision, Primary Education, Public Health, Medical Relief and Education, Street Cleansing, Mechanical, Licesning and Markets were

mainly due to an all round increase in prices of materials, establishment and other charges due to the war, the increases under Contribution towards Improvement Schemes and Grants-in-aid to Public Institutions being due to increase under General Tax and to increased grants having been paid to certain institutions and grants sanctioned for 1942-43 having been paid during the year respectively.

The decreases in expenditure were Rs. 2,62 under Roads, Drains and Sewers mainly under Repairs and Maintenance due to non-availablity of materials and restrictions on Lighting, Rs. 11 under Buildings, Land Acquisition, due to reduction in repair works etc., Rs. 37 under Fire Brigade due to scarcity of stores and materials etc., Rs. 74 under Provident Fund, Pensions, etc., due to recoveries from Government and Private parties for carrying out works on their behalf, less expenditure on Pensions and the provision made for the payment of pensions in lieu of gratuities having not been spent as the proposal is still under the consideration of the Standing Committee and the Corporation. The decrease of Rs. 4,36 under Measures for Civil Defence is due to works having not been carried out owing to the improvement in the war situation. The total decreases thus amounted to Rs. 8,20.

The Surplus Cash Balance at the beginning of the year was Rs. 45,86 and as a result of variations in Income and Expenditure showing a surplus of Rs. 13,02, the balance at the close of the year was and after adding the recoupment of advances, etc., of Rs. 5,12 as detailed in paragraph 2. the balance at the close of the year was Rs. 64,00.

The abnormal increase of Rs. 24,30 in revenue and the increase of Rs. 2,65 in expenditure are due to conditions created by the war. On account of such large increases in revenue during the last four years it was possible to meet the increased expenditure which the Corporation were called upon to bear during these years in respect of Civil Defence Measures, payment of Dearness Allowance to the staff, and increase in expenditure under all services due to the rise in the prices of stores and materials without having recourse to increased taxation. These war-time windfalls in revenue cannot however be relied upon after the termination of the war when the Corporation will have to undertake heavy liabilities in respect of (1) Water Supply Scheme, (2) Extension of Hospital accommodation due to expansion of the City, (3) Repairs, Renewals and Improvements of Roads which have worn out due to heavy additional Military traffic, (4) Improvements in drainage and sewerage arrangements, (5) Slum Clearance and (6) Providing low rent housing for the poor, etc. The expenditure on essential services and obligatory duties is also increasing due to the rapid expansion of the City. This would mean that in the Post War period the Corporation will have to bear a much heavier burden. The problem of finding additional stable revenue to meet these liabilities will therefore have to be earnestly tackled before the Corporation are actually faced with these liabilities. Even during thecontinuance of the war larger sums may have to be spent for carrying on even the essential services. Although therefore the present, position of our finances may seem to be satisfactory, the enormous liabilities which the Corporation will have to bear on the tackling of the Post-war problems will have to be borne in mind.

In regard to the Land Sales Reserve Fund, it may be pointed out that the area of surplus Municipal land available for sale at the end of the year was about 64,334 square yards of the approximate value of Rs. 7,64. The total amount standing to the credit of this Fund was Rs, 24,15.

The expenditure on Loan Works as shown in the Budget was Rs. 23,68. In th Revised Estimate the expenditure was shown at Rs. 38,53, while the actual expenditure aggregated to Rs. 19,13. The actuals fell short of the Budget Estimates and the Revised Estimates by 19 per cent. and 50 per cent. respectively. The executive officers were not able to spend the money owing to the difficulty of obtaining materials due to the war.

The position regarding Sinking Fund Investments is satisfactory, as there is an excess accumulation of Rs. 21,46, which is allowed to remain in the Sinking Fund Account, pending legislation by Government for amending the Municipal Act for the purpose of enabling the Corporation to utilise these surplus accumulations for general Municipal purposes. In addition to this, Rs. 47,25 are to the credit of the Net Premia Fund which is intended as a reserve for making good any deficit in the market value of the Sinking Fund investments at the close of the year as compared with the actual amount of the Sinking Fund on that date.

As regards Improvements Schemes the total income for the year amounted to Rs. 95,45 and the total expenditure aggregated to Rs. 97,95 showing a deficit of Rs. 2,50. The programme of repair works had to be considerably curtailed on account of the difficulty of obtaining materials due to the war.

The position regarding Sinking Fund Investments in respect of Improvements Schems is satisfactory as there is an excess accumulation of Rs. 47,82, which is allowed to remain in the Sinking Fund Account. There is no separate Net Premia Fund in the case of the Improvement Schemes Account.

J. K. DARUVALA

Chief Accountant.

APPENDICES.

MUNICIPAL ACCOUNT.

No. 1.—General Financial Statistics.

No. 2.—Statement of Surplus Revenue Fund for 1943-44.

No. 3.—Statement showing the Income realised during 1943-44 as compared with estimates for the year as also with the actuals for the preceding year.

No. 4.—Statement showing the expenditure during 1943-44 as compared with the Final sanctioned grants.

No. 4A.—Statement showing the actuals for Measures for Civil Defence as compared with the Final sanctioned grants for 1943-44.

No. 5.—Balance Sheet (Revenue) as at 31st March 1944.

No. 6.—Statement of Special Funds for 1943-44.

No. 7.—Balance Sheet (Capital Funds) as at 31st March 1944.

No. 8.—Block Account, showing details of Capital Expenditure upto 31st March 1944.

No. 9.—Statement showing (1) the total amount of Municipal loans raised, (2) the expenditure incurred there against and (3) the invested balance of the loans on 31st March 1944.

No. 10.—Statement showing the actual investment on account of the Sinking Fund of different Municipal Loans upto 31st March 1944 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund as at 31st March 1944.

No. 11.—Statement showing outstanding loans due by the Municipality, the interest outstanding on 1st April 1943 on the different loans, the amount payable for the year 1943-44, the amount paid by the Imperial Bank of India and in office during that year and the balances outstanding on 31st March 1944.

No. 12.—Water Works, Income and Expenditure Account, including statement of income realizations for 1943-44 and preceding 5 years from Water supply through meters.

No. 12A.—Water Works Assets and Liabilities.

No. 13.—Markets and Slaughter Houses, Income and Expenditure Account for 1943-44.

No. 14.—Municipal Printing Press, Income and Expenditure for the year 1943-44.

No. 14A.—Statement of Advance Accounts for 1943-44.

No. 14B.—Statement of Advance Accounts out of Special Funds for 1943-44.

No. 14C.—Statement of Deposit Accounts for 1943-44.

No. 14D.—Statement of Reserve Stores Stock Accounts for 1943-44.

No. 14E.—Statement of interest accrued but not paid in respect of the Municipal loans outstanding on 31st March 1944.

No. 15.—Statement of amounts of receipts and expenditure respectively, credited and debited to the Municipal Fund during the year 1943-44 and the balance at the credit of the fund at the close of the year 1943-44 (*i.e.* 31st March 1944.)

No. 16.—Comparison of Face, Purchase and Market values at 31st March 1944 of the different securities held in the Special Funds.

No. 16A.—Comparison of Face, Purchase and Market values at 31st March 1944 of the different securities held in the Sinking Funds.

No. 16B.—Statement showing the amount of and the object for which the donations held under Public Monuments Maintenance Fund were received from different parties upto 31st March 1944.

No. 16C.—Statement showing the amount of and the object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1944.

No. 17.—Statement of Town Duties collected and refunds allowed in 1943-44.

No. 18.—Statement of the Income of the Bombay Municipality from 1932-33 to the close of the financial year 1943-44.

No. 19.—Statement of the Expenditure of the Bombay Municipality from 1932-33 to the close of the financial year 1943-44.

No. 20.—Contrasted statement of Income and Expenditure from the year 1932-33 to the financial year 1943-44.

IMPROVEMENT SCHEMES ACCOUNT.

No. 21.—General Financial Statistics.

No. 22.—General Account for the year 1943-44.

No. 23.—General Account for 1943-44—Details of Income.

No. 24.—General Account for 1943-44—Details of Expenditure.

No. 25.—Balance Sheet (Capital Account) as at 31st March 1944.

No. 26.—Block Account showing Capital Expenditure upto 31st March 1944.

No. 27.—Statement showing scheduled lands as specified in the Schedules W to Z annexed to Act XIII of 1933.

No. 28.—Statement showing the actual investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1944 compared with the amounts which should have accumulated upto that date on the basis of the fixed instalments and the sums set aside as Sinking Fund, as at 31st March 1944.

No. 29.—Statement showing outstanding loans of the Bombay Improvement Trust due by the Municipality, the interest outstanding on 1st April 1943 on the different loans, the amount payable for the year 1943-44, the amount paid during that year and the balances outstanding on 31st March 1944.

No. 30.—Comparison of Face, Purchase and Market values at 31st March 1944 of the different securities held in the Sinking Fund.

APPENDIX No. 1.

General Financial Statistics.

—	1939-40.	1940-41.	1941-42.	1942-43.	1943-44.
General.					
1. Area of the City (acres)	15,714	15,714	15,714	16,761	16,761
2. Population ...	1,161,383	1,489,883	1,489,883	14,89,883	14,89,883
Rates and Assessments.					
3. Rateable value Rs.	13,97,61,676	14,14,61,189	14,27,65,826	14,63,63,848	15,93,54,514
4. Rateable value per head of population.	Rs. 120-5-5	Rs. 94-15-6	Rs. 95-13-2	Rs. 98-3-10	Rs. 106-15-4
5. Properties registered in the Assessment Book	48,306	48,501	48,664	48,967	49,016
Income.	Rs.	Rs.	Rs.	Rs.	Rs.
	at 11 per cent.	at 11 per cent.	at 11 per cent.	at 11 per cent.	at 11 per cent.
6. General Tax ...	1,34,47,825	1,38,54,785	1,39,20,308	1,47,94,959	1,53,51,010
7 Income from other sources ...	2,12,08,276	2,17,76,980	2,28,45,895	2,41,06,982	2,50,47,527
Total Income Rs.	3,46,56,101	3,56,31,765	3,67,66,203	3,89,01,941	4,03,98,537
8. Incidence of Taxation per head ...	Rs. 24-11-7	Rs. 19-13-2	Rs. 20-7-5	Rs. 21-7-8	Rs. 27-1-10
Loans.	Rs.	Rs.	Rs.	Rs.	Rs.
9. Debt outstanding ...	15,66,25,258	15,57,20,010	15,49,82,768	14,60,72,411	14,06,86 931
10. Redemption and Sinking Funds in hand or invested ...	3,25,07,117	3,37,43,520	3,69,77,690	3,26,11,056	3,32,83,833
11. Net Loan Debt ...	12,41,18,141	12,19,76,490	11,80,05,078	11,34,61,355	10,74,03,098
12. Net Debt per head of population ...	Rs. 106-13-11	Rs. 81-14-3	Rs. 79-3-3	Rs. 76-2-6	Rs. 72-1-5
Expenditure.	Rs.	Rs.	Rs.	Rs.	Rs.
13. *Water Works*— Maintenance ...	13,77,641	15,33,048	14,12,014	14,71,051	16,21,289
Debt Charges ...	52,84,324	53,74,298	54,12,160	53,41,293	54,21,364
14. Primary Education ...	37,74,475	41,17,900	41,39,770	42,27,020	47,11,373
15. Medical Relief and Education ...	20,72,534	21,11,929	19,34,992	20,62,630	23,58,896
16. Other City services ...	1,51,83,316	1,56,61,416	1,57,50,826	1,61,38,332	1,79,47,179
17. Debt Charges—excluding Water Works...	70,51,748	71,19,815	72,71,759	72,25,122	70,36,348
Total Expenditure Rs. ...	3,47,44,038	3,59,18,406	3,59,21,521	3,64,65,448	3,90,96,449

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

APPENDIX No. 2.

Revenue Account for the year ended 31st March 1944.

Particulars.		Total.	Particulars.		Total.
		Rs. a. p.			Rs. a. p.
To Revenue Expenditure as per Appendix No. 4		3,90,96,448 11 3	By Revenue Receipts as per Appendix No. 3		4,03,98,533 0 2
,, Balance being surplus for the year		13,02,084 4 11			
		4,03,98,533 0 2			4,03,98,533 0 2
	Rs. a. p.			Rs. a. p.	
Contribution towards Improvement Schemes during 1944-45 ...	26,19,000 0 0		Surplus Revenue Fund as at 1st April 1943 ...		78,24,639 1 1
Revenue Expenditure to be incurred in 1944-45 and provided for as renewed grants ...	10,77,000 0 0		Surplus for the year ...		13,02,084 4 11
		36,96,000 0 0	Revenue of previous year renewed for payment of contribution towards Improvement Schemes during 1943-44 ...	26,26,996 9 0	
Balance being Surplus Revenue Fund as at 31st March 1944 as per Appendix No. 5 ...		97,30,719 15 0	Revenue of previous years reserved for the year 1943-44 ...	16,73,000 0 0	42,99,996 9 0
		1,34,26,719 15 0			1,34,26,719 15 0

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 3

INCOME

Statement showing the Net Receipts during the Financial Year 1943-44 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1943-44.	Revised Estimate for 1943-44.	Actuals for 1943-44.	Actuals for 1942-43.	Compared with the Original Estimate	
					More.	Less.
1	2	3	4	5	6	7
1.—General Tax, Indirect Taxation and Miscellaneous Revenue.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A.—General Tax at 11 per cent.—						
(1) From the Public ...	1,16,34,800	1,21,53,800	1,25,20,828	1,15,41,197	8,86,028	...
(2) From Government ...	3,93,700	3,93,700	3,93,780	10,37,487	80	...
(3) From Port Trust ...	8,81,700	8,81,700	8,81,709	8,93,458	9	...
(4) For Improvement Schemes Properties ...	2,08,500	2,27,600	1,60,068	2,29,688	...	48,432
(5) From Mills ...	6,79,100	7,09,800	9,40,167	6,60,718	2,61,067	...
(6) From G.I.P. Railway ...	2,42,800	2,42,800	2,42,758	2,42,758	...	42
(7) From B.B. & C.I. Railway ...	1,89,600	1,89,600	2,11,700	1,89,653	22,100	...
	1,42,30,200	1,47,99,000	1,53,51,010	1,47,94,959	11,69,284	48,474
B.—Town Duties—						
(1) Through Port Trust ...	2,70,000	3,75,000	4,65,692	3,23,952	1,95,692	...
(2) Through G.I.P. Railway ...	13,20,000	4,25,000	4,00,093	9,42,514	...	9,19,907
(3) Through B.B. & C.I. Railway ...	5,30,000	9,60,000	9,54,316	9,72,278	4,24,316	...
(4) Election and T.D.O. ...	1,10,000	1,60,000	1,86,885	1,26,514	76,885	...
	22,30,000	19,20,000	(a) 20,06,986	23,65,258	6,96,893	9,19,907
Deduct—Refunds and Commission charges ...	10,80,000	4,80,000	(b) 3,89,324	8,82,609	...	6,90,676
	11,50,000	14,40,000	16,17,662	14,82,649	6,96,893	2,29,231
C.—Grant-in-aid of the fees for Land, Conveyance, Music Licences (issued by the Commissioner of Police) ...	8,500	4,500	8,690	2,505	190	...
D.—Grant-in-aid in respect of fines for offences against the Law ...	1,10,000	1,10,000	1,15,199	1,09,336	5,199	...
E.—Interest and Profit on Investments of Surplus Loan and other Balances ...	1,60,000	2,00,000	2,75,293	2,31,112	1,15,293	...
F.—Interest and Profit on Plant and Machinery Depreciation Fund ...	67,000	67,000	68,432	65,869	1,432	...
G.—Miscellaneous						
(1) Contribution from Municipal servants towards Pensions etc., Fund ...	4,000	4,000	4,228	4,576	228	...
(2) Sale proceeds of unserviceable Tools and Plant ...	100	...	...	300	...	100
(3) Miscellaneous receipts ...	1,25,000	80,000	1,13,093	1,47,068	...	11,907
(4) Miscellaneous fees ...	20,000	18,000	18,729	18,037	...	1,271
(5) Rent of buildings and lands ...	53,000	65,000	70,252	62,292	17,252	...
	2,02,100	1,67,000	2,06,302	2,32,273	17,480	13,278
	1,59,27,800	1,67,87,500	1,76,42,588	1,69,18,703	20,05,771	2,90,983
2.—Water Works.						
Water Tax and other Miscellaneous Water Works Revenue—						
(1) On Ratable Value ...	38,18,000	39,25,000	40,00,188	38,13,301	1,82,188	...
(2) By Measurement per 1,000 gallons ...	57,41,000	57,74,000	58,83,897	51,94,853	1,42,897	...
(3) Rent of Water Meters ...	75,000	77,000	75,068	79,178	68	...
(4) Compounded Tax ...	1,00,000	2,10,000	1,24,964	1,17,676	24,964	...
(5) Rent of Buildings and Lands ...	6,000	6,500	6,636	5,921	636	...
	97,40,000	99,92,500	1,00,90,753	92,10,929	3,50,753	...
(6) Miscellaneous— Miscellaneous receipts ...	22,000	22,000	38,599	28,136	16,599	...
	97,62,000	1,00,14,500	1,01,29,352	92,39,065	3,67,352	...
3.—Education (Primary).						
Contribution from Government ...	9,50,000	9,50,000	9,41,230	9,50,750	...	8,770
Miscellaneous— Miscellaneous receipts ...	...	400	1,464	808	1,464	...
	9,50,000	9,50,400	9,42,694	9,51,558	1,464	8,770
4.—Education (Secondary).						
Miscellaneous— Miscellaneous receipts ...	100	300	733	137	633	...
5.—Public Health Department.						
A.—Interest realised on Donations ...	75	75	75	75	...	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	4,000	6,000	17,614	6,749	13,614	...
(2) Miscellaneous fees ...	26,000	29,900	37,103	32,259	11,103	...
(3) Rent of Buildings and Lands ...	58,000	60,000	60,847	59,765	2,847	...
(4) Sale of rights ...	1,000	100	4	1,009	...	996
	89,000	96,000	1,15,568	99,782	27,564	996
C.—Grant-in-aid from Government for the duty free supply of Spirituous Medical Preparations for the use of Hospitals and Dispensaries ...	...	400	3,914	...	3,914	...
	89,075	96,475	1,19,557	99,857	31,478	996
Carried forward Rs. ...	2,67,28,975	2,78,49,175	2,88,34,924	2,72,09,320	24,06,698	3,00,749

(a) These are net receipts after deducting Commission charges amounting to Rs. 62,952.
(b) This is exclusive of Commission charges amounting to Rs. 62,952.

Appendix No. 3—*continued.*

INCOME

Statement showing the Net Receipts during the Financial year 1943-44 from all sources as contrasted with the Original Budget Estimate.

Particulars. 1	Budget Estimate for 1943-44. 2	Revised Estimate for 1943-44. 3	Actuals for 1943-44. 4	Actuals for 1942-43. 5	Compared with the Original Estimate More. 6	Less. 7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward ...	2,67,28,975	2,78,49,175	2,88,34,924	2,72,09,320	24,06,698	3,00,749
6.—Medical Relief and Education.						
A.—Interest realised on donations from the Public ...	4,300	4,300	4,544	4,376	244	...
B.—Miscellaneous—						
(1) Miscellaneous receipts ...	1,000	2,200	3,241	2,476	2,241	...
(2) Miscellaneous fees ...	4,000	1,500	1,018	3,286	...	2,982
(3) Rent of Buildings and Lands ...	3,000	3,000	4,627	2,957	1,627	...
	8,000	6,700	8,886	8,719	3,868	2,982
C.—Receipts from Gordhandas Sunderdas Medical College ...	1,25,000	1,30,000	1,30,063	1,24,030	5,063	...
D.—Receipts from King Edward Memorial Hospital ...	5,000	7,700	9,916	7,069	4,916	...
E.—Interest realised on Hospital Fund (for Veneral Ward at Kind Edward Memorial Hospital) ...	15,000	16,000	17,421	15,312	2,421	...
F.—Interest on K. E. M. Hospital and G. S. Medical College Equipment Fund ...	2,100	2,100	2,161	2,494	61	...
G.—Grant-in-aid from Government in respect of Excise Duty etc., for spirituous articles ...	...	4,000	13,223	4,389	13,223	...
	1,59,400	1,70,800	1,86,214	1,66,389	29,796	2,982
7—Street Cleansing and Conservancy, Road Watering and Halalkhore service.						
A.—Halalkhore Tax—						
(1) On Ratable Value ...	36,83,000	38,17,000	39,29,047	37,44,486	2,46,047	...
(2) For Special Service ...	1,47,000	1,96,000	1,92,378	1,30,050	45,378	...
	38,30,000	40,13,000	41,21,425	38,74,536	2,91,425	...
B.—Miscellaneous						
(1) Sale of Rights ...	30,000	35,000	33,132	25,123	3,132	...
(2) Miscellaneous receipts ...	7,000	10,000	18,707	5,788	11,707	...
(3) Miscellaneous fees ...	20,000	68,000	80,365	46,357	60,365	...
(4) Rent of Buildings and Lands ...	66,000	66,000	66,840	64,107	840	...
	1,23,000	1,79,000	1,99,044	1,41,375	76,044	...
	39,53,000	41,92,000	43,20,469	40,15,911	3,67,469	...
8.—Roads, Drains and Sewers.						
A.—Wheel Tax and Government contribution in lieu of Tolls—						
(1) Private conveyances ...	9,50,000	12,20,000	13,58,537	12,47,435	4,08,537	...
(2) Public conveyances ...	3,50,000	2,50,000	2,63,452	5,41,873	...	86,548
(3) Contribution from Government in lieu of Tolls ...	25,000	25,000	25,000	25,000	...	...
	13,25,000	14,95,000	16,46,989	18,14,308	4,08,537	86,548
B.—Ground Rent—						
(1) From Tramway Co. ...	67,000	67,000	66,944	66,944	...	56
(2) From Telephone Co. ...	70,000	...	...	67,000	...	70,000
(3) From Private Parties ...	20,000	18,000	18,526	19,709	...	1,474
	1,57,000	85,000	85,470	1,53,653	...	71,530
C.—Miscellaneous—						
(1) Miscellaneous receipts ...	1,00,000	50,000	1,18,810	88,832	18,810	...
(2) Miscellaneous fees ...	50,000	29,500	27,940	37,558	...	22,060
(3) Rent of Buildings and Lands ...	32,000	26,000	28,890	28,697	...	3,110
	1,82,000	1,05,500	1,75,640	1,55,087	18,810	25,170
D.—Interest realised on donations ...	1,850	1,850	1,862	1,862	12	...
	16,65,850	16,87,350	19,09,961	21,24,910	4,27,359	1,83,248
9.—Mechanical.						
Miscellaneous— Miscellaneous receipts ...	60,000	60,000	57,273	1,14,959	...	2,727
10.—Buildings, Land Acquisition and Management.						
A.—Sale proceeds of Surplus Land ...	10,00,000	10,00,000	10,00,000	10,00,000	...	..
B.—Rent of Buildings ...	37,000	38,000	40,942	39,870	3,942	...
C.—Ground Rent ...	2,03,000	2,03,000	2,10,169	2,10,148	7,169	...
D.—Miscellaneous—						
(1) Sale of Rights and Miscellaneous Receipts ...	8,000	20,000	18,223	4,988	10,223	...
(2) Miscellaneous fees ...	2,25,000	2,20,000	2,56,303	2,00,344	31,303	...
	14,73,000	14,81,000	15,25,637	14,55,350	52,637	...

Appendix No. 3—*Concluded.*

INCOME.

Statement showing the Net Receipts during the Financial year 1943-44 from all sources as contrasted with the Original Budget Estimate.

Particulars. 1	Budget Estimate for 1943-44. 2	Revised Estimate for 1943-44. 3	Actuals for 1943-44. 4	Actuals for 1942-43. 5	Compared with the Original Estimate: More. 6	Compared with the Original Estimate: Less. 7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Brought over Rs. ...	3,40,40,225	3,54,40,325	3,68,34,478	3,50,86,839	32,83,959	4,89,706
11.—Fire Brigade.						
A.—Fire Tax at half per cent.—						
(1) From the Public ...	5,28,800	5,52,400	5,67,341	4,98,551	38,541	...
(2) From Government ...	17,900	17,900	17,899	47,159	...	1
(3) From Port Trust ...	40,000	40,000	40,078	40,612	78	...
(4) For Improvement Schemes Properties ...	9,400	10,300	10,020	10,435	620	...
(5) From Mills ...	30,800	32,200	42,404	51,519	11,604	...
(6) From G. I. P. Railway ...	11,100	11,000	11,035	11,035	...	65
(7) From B.B. & C.I. Railway ...	8,600	8,600	8,623	8,623	23	...
	6,46,600	6,72,400	6,97,400	6,67,934	50,866	66
B.—Miscellaneous— Miscellaneous receipts ...	12,000	20,000	28,174	27,090	16,174	...
	6,58,600	6,92,400	7,25,574	6,95,024	67,040	66
12.—Licensing and Removal of Encroachments on Public Streets.						
A.—Licences for Dangerous and Offensive Trades ...	2,15,000	2,25,000	2,48,775	2,30,478	33,775	...
B.—Removal of encroachment on Public Streets— Licences for Squatters and Hawkers and fees for Removal of Encroachments ...	1,70,000	1,76,000	1,86,545	1,63,463	16,545	...
C.—Miscellaneous—						
(1) Miscellaneous receipts ...	500	500	968	945	468	...
(2) Advertisements ...	1,00,000	1,00,000	1,14,738	1,18,715	14,738	...
	1,00,500	1,00,500	1,15,706	1,19,660	15,206	...
D.—Grant-in-aid from Government for the Administration of Shops & Establishment Act of 1939. ...	...	25,000	43,125	33,836	43,125	...
	4,85,500	5,26,500	5,94,151	5,47,437	1,08,651	...
13.—Gardens and Open Spaces.						
Miscellaneous—						
(1) Miscellaneous receipts ...	300	300	387	484	87	...
(2) Rent of Buildings and Lands ...	51,000	51,000	51,359	50,928	359	...
	51,300	51,300	51,746	51,412	446	...
14.—Markets and Slaughter Houses.						
Miscellaneous—						
(1) Stall rents ...	3,35,000	3,50,000	3,81,963	3,45,357	46,963	
(2) Squatters' fees ...	1,64,000	1,70,000	2,09,704	1,80,184	45,704	...
(3) Fair ground and feeding fees ...	1,50,000	2,36,000	2,36,500	1,50,000	86,500	...
(4) Slaughter fees ...	6,00,000	7,00,000	7,21,547	6,72,408	1,21,547	...
(5) Miscellaneous receipts ...	1,35,000	1,56,000	1,61,207	1,31,017	26,207	...
(6) Rent of Buildings and Lands ...	20,000	20,000	21,798	20,841	1,798	...
(7) Cold Storage rent ...	15,000	30,000	43,565	32,534	28,565	...
(8) Receipts on account of the Administration of the Weights and Measures Act ...	...	...	...	Dr. 12,074	...	...
	14,19,000	16,62,000	17,76,284	15,20,267	3,57,284	...
15.—Contribution from Capital Funds to Revenue on account of Loan Works Staff ...	74,000	80,000	66,212	70,564	...	7,788
16.—Extraordinary Receipts.						
(a) Interest on Net Premia Fund and excess interest on Sinking Fund ...	1,25,000	1,25,000	1,29,447	1,29,872	4,447	...
(b) Transfer from Land Sales Reserve Fund ...	9,50,000	...	...	...	...	9,50,000
Refund of excess amount paid to the Improvement Schemes Account on account of contribution from the Municipal Corporation ...	...	...	...	6,27,745	...	...
17.—Rebate from Government on account of Collection of the Urban Immovable Property Tax in the City ...	1,64,000	1,68,000	1,77,107	1,72,781	13,107	...
18.—Excess accumulation in the Plant and Machinery Depreciation Fund ...	...	...	43,534	...	43,534	...
Total Income ...	3,79,67,625	3,87,45,525	4,03,98,533	3,89,01,941	38,78,468	14,47,560

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 4.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Grants for 1943-44.

Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	Final Grants compared with the Actuals: Amount required to be renewed in 1944-45.	Final Grants compared with the Actuals: Savings.	Actuals for 1942-43.
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
I.—General Supervision, Collection of Revenue, etc.					
A.—General Superintendence					
(*a*) Corporation and Standing Committee ...	1,37,467	1,31,480	490	5,497	1,17,022
(*b*) Chief Auditor's Establishment ...	57,031	56,142	156	733	52,871
(*c*) Municipal Commissioner's Personal and General Office ...	1,26,404	1,16,459	5,098	4,847	1,16,516
(*d*) Audit and Accounts ...	2,47,934	2,46,792	...	1,142	2,40,050
	5,68,836	5,50,873	5,744	12,219	5,26,459
B.—Collection of Revenue—					
(*a*) Property and Wheel Tax Establishment ...	6,55,118	6,48,962	88	6,068	6,30,432
(*b*) Town Duty Refund Branch ...	1,53,223	1,35,509	447	17,267	1,41,259
	8,08,341	7,84,471	535	23,335	7,71,691
C.—Upkeep of Municipal Head Office ...	45,409	33,346	8,030	4,033	31,693
D.—General Stores ...	81,485	76,435	1,770	3,280	76,290
E.—Miscellaneous Charges ...	1,33,198	1,14,716	12,088	6,394	92,737
F.—Election Expenses ...	1,39,192	78,293	2,947	57,952	46,910
New Works ...	26,165	10,516	1,815	13,834	2,695
Debt Charges ...	39,670	36,396	6	3,268	29,723
	18,42,296	16,85,046	32,935	1,24,315	15,78,198
Deduct—Proportionate share debitable to Water Works, Fire Brigade, Markets and Improvement Schemes Account and Schools Fund Account ...	4,74,939	4,49,535	5,970	19,434	4,24,208
	13,67,357	12,35,511	26,965	1,04,881	11,53,990
II.—Water Works.					
A.—Establishment and Labour ...	6,00,079	5,85,650	8,703	5,726	5,52,875
B.—Repairs and Maintenance ...	4,18,531	3,28,761	53,451	36,319	2,67,671
C.—Meters ...	30,470	27,978	2,450	42	21,291
D.—Miscellaneous ...	2,96,046	2,43,195	28,787	24,064	2,15,454
E.—Depreciation ...	4,717	3,494	...	1,223	2,841
Provident Fund and Pension, etc., charges ...	1,13,221	1,10,303	450	2,468	1,02,619
Proportion of General Supervision and Collection of Revenue ...	3,20,680	3,02,569	4,055	14,056	2,86,096
New Works ...	26,771	19,339	6,921	511	22,204
Debt Charges ...	55,44,698	54,21,364	99,545	23,789	53,41,293
	73,55,213	70,42,653	2,04,362	1,08,198	68,12,344
III.—Education (Primary).					
Municipal Institutions ...	49,31,442	47,11,373	1,12,252	1,07,817	42,27,020
New Works ...	2,162	...	2,162		...
Debt Charges ...	1,67,049	1,64,501	742	1,806	1,84,802
	51,00,653	48,75,874	1,15,156	1,09,623	44,11,822
IV.—Education (Secondary).					
A.—Victoria and Albert Museum ...	24,784	19,830	3,275	1,679	} 14,751
B.—Opening New reading Rooms and Libraries ...	37,959	26,617	1,343	9,999	
	62,743	46,447	4,618	11,678	14,751
V.—Public Health Department.					
A.—General Supervision ...	5,43,430	5,19,770	9,264	14,396	5,10,388
B.—Epidemics ...	53,456	44,721	1,100	7,635	22,330
C.—Vaccination ...	1,08,266	1,02,550	122	5,694	64,654
D.—Malaria ...	2,36,193	2,25,043	6,381	4,769	2,26,755
E.—Miscellaneous—					
(*a*) Cemeteries ...	21,185	19,705	291	1,189	17,368
(*b*) Laboratory ...	26,414	25,699	77	638	22,966
(*c*) Mahaluxmi Dhobiwada ...	44,400	39,819	115	4,466	41,414
(*d*) Dharmashalas ...	1,133	743	72	318	756
(*e*) Destruction of dogs ...	7,939	6,637	282	1,020	6,012
Public Health, Carried over Rs. ...	10,42,416	9,84,687	17,704	40,025	9,12,643
Carried over Rs. ...	1,38,85,966	1,32,00,485	3,51,101	3,34,380	1,23,92,907

Appendix No. 4.—*Continued.*

EXPENDITURE.

Particulars. 1	Final grants sanctioned for expenditure during 1943-44. 2	Actuals for 1943-44. 3	Final Grants compared with the Actuals: Amount required to be renewed in 1944-45. 4	Final Grants compared with the Actuals: Savings. 5	Actuals for 1942-43. 6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	1,38,85,966	1,32,00,485	3,51,101	3,34,380	1,23,92,907
Public Health—Brought forward ...	10,42,416	9,84,687	17,704	40,025	9,12,643
F.—Medical Inspection of School children including the Dental Clinic ...	42,928	40,509	414	2,005	38,087
G.—Propoganda for Public Health ...	14,465	11,144	780	2,541	55
H.—Supply of milk to the undernourished needy children attending Municipal Schools ...					
New Works ...	15,394	6,962	1,996	6,436	4,419
Debt Charges ...	47,944	47,581	355	8	54,868
	11,63,147	10,90,883	21,249	51,015	10,10,072
VI.—Medical Relief and Education.					
A.—Hospitals and Maternity Homes—					
(*a*) King Edward Memorial Hospital ...	9,25,737	8,27,327	63,137	35,273	7,22,935
(*b*) Infectious Diseases Hospitals ...	5,06,951	4,23,943	50,107	32,901	2,88,412
(*c*) Maternity Homes ...	1,72,294	1,45,931	18,753	7,610	1,18,868
(*d*) Turner Sanitorium ...	1,01,771	88,327	9,939	3,505	71,290
	17,06,753	14,85,528	1,41,936	79,289	12,01,505
B.—Dispensaries—					
(*a*) Dispensaries for out-patients ...	1,15,837	1,08,747	3,120	3,970	98,465
(*b*) Anti-Tuberculosis Dispensaries ...	38,354	35,614	516	2,224	36,984
(*c*) Dispensary for combating Veneral Diseases ...	45,768	44,505	394	869	34,464
	1,99,959	1,88,866	4,030	7,063	1,69,913
C.—Medical and Nursing Assistance to Poor People in their Houses ...	360	29	...	331	235
D.—Gordhandas Sunderdas Medical College ...	2,91,838	2,66,384	9,564	15,890	2,68,316
E.—Statutory Contribution to Government Medical Institutions ...	4,14,500	4,14,500	...	...	4,14,500
New Works ...	31,294	3,589	8,506	19,199	4,911
DebtCharges ...	4,58,125	4,53,876	3,587	662	4,56,851
	31,02,829	28,12,772	1,67,623	1,22,434	25,16,231
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service.					
A.—Street Cleansing and Conservancy—					
(*a*) Superintendence and Inspection ...	2,17,655	2,09,221	1,118	7,316	2,08,651
(*b*) Veterinary ...	36,198	31,494	240	4,464	35,069
(*c*) Street Cleansing and Sanitation—					
(*a*) Scavengering ...	11,84,431	11,66,706	5,814	11,911	11,18,700
(*b*) Road Scraping ...	87,185	83,532	1,439	2,214	80,890
(*d*) Gully Flushing ...	1,22,038	1,19,368	929	1,741	1,17,835
	16,47,507	16,10,321	9,540	27,646	15,61,145
(*e*) Removal of Town Refuse to Tardeo for transport to Deonar—					
(1) Bullock Traction ...	4,06,971	3,53,138	18,613	35,220	2,36,443
(2) Incineration ...	10,970	683	9,309	978	1,168
(3) Loading Siding ...	2,15,248	1,55,120	23,830	36,298	79,079
	6,33,189	5,08,941	51,752	72,496	3,16,690
(*f*) Miscellaneous ...	1,14,210	1,02,817	965	10,428	1,03,632
	23,94,906	22,22,079	62,257	1,10,570	19,81,467
B.—Transport of refuse, etc., to Deonar ...	2,78,926	2,64,465	10,491	3,970	2,39,467
C.—Road Watering ...	19,237	16,859	1,029	1,349	14,774
D.—Halalkhore Service—					
(*a*) Cleansing and Sanitation ...	2,26,417	2,18,366	2,286	5,765	2,11,238
(*b*) Bullock Traction ...	65,075	41,651	17,458	5,966	54,984
(*c*) Miscellaneous ...	1,29,275	71,638	33,475	24,162	69,576
	4,20,767	3,31,655	53,219	35,893	3,35,798
New Works ...	45,167	3,967	12,696	28,504	11,563
Debt Charges ...	3,93,896	3,80,411	10,985	2,500	3,90,659
	35,52,899	32,19,436	1,50,677	1,82,786	29,73,728
Carried over Rs. ...	2,17,04,841	2,03,23,576	6,90,650	6,90,615	1,88,92,938

Appendix No. 4—*Continued.*

EXPENDITURE.

Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	Final Grants compared with the Actuals: Amount required to be renewed in 1944-45.	Final Grants compared with the Actuals: Savings.	Actuals for 1942-43.
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	2,17,04,841	2,03,23,576	6,90,650	6,90,615	1,88,92,938
VIII.—Roads, Drains and Sewers.					
A.—General ...	1,74,855	1,49,697	3,325	21,833	1,62,736
B.—Maintenance of Roads ...	11,21,413	9,88,625	51,310	81,478	8,25,981
C.—Public Lighting ...	10,46,074	9,30,914	15,309	99,851	10,50,955
D.—Cleansing of Drains and Sewers and Street connections ...	3,83,336	3,48,097	11,052	24,187	3,30,427
E.—Rebate on account of the compounded Wheel Tax ...	1,00,948	1,00,606	107	235	1,72,983
	28,26,626	25,17,939	81,103	2,27,584	25,43,082
New Works ...	49,536	22,910	13,218	13,408	39,206
Debt Charges ...	35,96,686	35,05,263	64,731	26,692	36,51,473
	64,72,848	60,46,112	1,59,052	2,67,684	62,33,761
IX.—Mechanical.					
A.—Mechanical Engineer's Office Establishment ...	78,712	76,046	335	2,331	62,326
B.—Pumping Compressor Stations—					
(*a*) Inspection and Supervision— ...	13,927	13,677	...	250	11,906
(*b*) Pumping Stations in the City—					
(*i*) Pumping Station, Love Grove ...	1,74,255	1,56,832	14,363	3,060	1,45,768
(*ii*) Pumping Station, Parel, Poibavdi ...	4,528	4,204	...	324	3,954
(*iii*) Pumping Station, Arthur Road ...	6,861	6,698	...	163	6,728
(*iv*) Pumping Station, Sewri ...	4,509	4,254	...	255	3,509
(*v*) Pumping Station, Tank Bunder ...	7,162	6,580	...	582	5,689
(*vi*) Pumping Station, Matunga ...	32,418	31,619	78	721	30,212
(*vii*) Pumping Station, Mahim ...	19,240	18,895	6	339	16,473
(*viii*) Pumping Station, Sion-Koliwada ...	2,608	2,156	...	452	2,002
(*ix*) Pumping Station, Sewri-Wadala No. 1 ...	3,744	3,083	...	661	6,219
(*x*) Do. No. 2 ...	7,013	4,268	1,076	1,669	2
(*xi*) Pumping Station, Jacob Circle ...	1,208	36	...	1,172	2,950
(*xii*) Pumping Station, Dharavi ...	4,413	4,074	8	331	...
(*c*) Purification Works ...	1,39,713	1,23,784	10,344	5,585	90,972
(*d*) Compressor Stations in the City—					
(*i*) Compressor Station, Colaba ...	42,497	36,918	2,039	3,540	37,025
(*ii*) Compressor Station, Victoria Gardens, Fergusson Road and Warden Road ...	1,43,042	1,39,246	2,457	1,339	1,25,759
(*e*) Flood Gates ...	5,351	5,121	...	230	3,485
	6,12,489	5,61,445	30,371	20,673	4,92,653
C.—Supervision of Factories, Workshops and Workplaces ...	11,514	11,314	...	200	10,906
D.—Transport—					
(1) Inspection and Supervision ...	19,116	18,940	18	158	15,684
(2) Upkeep of Motor Cars of His Worship the Mayor, Committee Members and the Municipal Commissioner—					
(1) Upkeep of Motor Car of His Worship the Mayor ...	3,556	2,838	...	718	2,578
(2) Upkeep of Motor Car of the Committee Members ...	1,882	1,678	...	204	1,111
(3) Upkeep of Motor Car of the Municipal Commissioner ...	3,620	3,460	...	160	4,296
(3) Upkeep of S. S.'s Motor ...	1,318	1,042	...	276	1,441
(4) Upkeep of H. O.'s Motor ...	4,656	4,507	...	149	4,409
(5) Upkeep of Motor Hearses ...	8,383	8,047	...	336	5,815
(6) Upkeep of Motor Ambulances ...	17,609	16,528	...	1,081	13,895
(7) Removal of Town Refuse to Tardeo for Transport to Deonar ...	5,69,098	5,57,582	2,040	9,476	5,09,143
(8) Upkeep of motor silt wagons ...	25,601	22,603	193	2,805	22,174
(9) Halalkhore service ...	37,666	37,200	...	466	33,628
(10) Removal of Encroachments on Public Streets ...	12,117	11,606	...	511	10,096
(11) Markets and Slaughter Houses—					
(1) Disposal of offal ...	23,560	22,945	...	615	20,324
(2) Meat carriage ...	1,18,141	1,13,545	8	4,588	98,623
	8,46,323	8,22,521	2,259	21,543	7,43,217
	15,49,038	14,71,326	32,965	44,747	13,09,102
E.—Refrigerator ...	26,211	22,666	2,005	1,540	19,213
F.—Oiling and Greasing Surplus Machinery ...	100	...	...	100	...
New Works ...	18,472	1,697	13,001	3,774	2,690
Debt Charges ...	1,67,612	1,62,719	1,984	2,909	1,64,701
	17,61,433	16,58,408	49,955	53,070	14,95,706
Carried over Rs. ...	2,99,39,122	2,80,28,096	8,99,657	10,11,369	2,66,22,405

Appendix No. 4—*Concluded.*

EXPENDITURE.

Particulars. 1	Final grants sanctioned for expenditure during 1943-44. 2	Actuals for 1943-44. 3	Final Grants compared with the Actuals: Amount required to be renewed in 1944-45. 4	Final Grants compared with the Actuals: Savings. 5	Actuals for 1942-43. 6
	Rs.	Rs.	Rs.	Rs.	Rs.
Brought forward Rs. ...	2,99,39,122	2,80,28,096	8,99,657	10,11,369	2,66,22,405
X.—Buildings, Land Acquisition and Management.					
A.—City Engineer's Central Office Establishment ...	1,05,564	1,00,401	374	4,789	92,409
B.—Inspection and Supervision of Private Buildings ...	2,41,899	2,36,537	857	4,505	2,23,162
C.—Architectural ...	80,022	71,786	1,037	7,199	80,955
D.—Land Acquisition and Management ...	79,179	61,878	9,220	8,081	52,643
	5,06,664	4,70,602	11,488	24,574	4,49,169
Deduct—Proportionate share of cost of Establishment, and Supervision chargeable to Improvement Schemes	25,000	9,327	...	15,673	*Dr.* 8,593
	4,81,664	4,61,275	11,488	8,901	4,40,576
New Works ...	6,517	93	6,206	218	2,582
Debt Charges ...	18,24,220	18,04,517	18,303	1,400	18,09,611
	23,12,401	22,65,885	35,997	10,519	22,52,769
XI.—Fire Brigade.					
Maintenance ...	3,74,357	3,14,297	11,949	48,111	3,04,126
Provident Fund and Pension, etc., charges ...	1,00,280	91,482	5,000	3,798	86,482
Proportion of General Supervision and Collection of Revenue ...	26,311	24,855	325	1,131	23,518
New Works ...	1,477	399	...	1,078	2,508
Debt Charges ...	71,021	70,201	2	818	67,943
	5,73,446	5,01,234	17,276	54,936	4,84,577
XII.—Licensing and Removal of Encroachments on Public Streets.					
A.—Licensing Establishment ...	1,06,233	1,02,781	555	2,897	99,229
B.—Removal of Encroachment on Public Streets ...	47,123	46,140	342	641	43,045
C.—Administration of Shops and Establishment Act 1939 ...	50,596	47,998	120	2,478	45,213
New Works ...	...	...	...	...	...
	2,03952,	1,96,919	1,017	6,016	1,87,487
XIII.—Gardens and Open Spaces.					
A.—Gardens—					
(*a*) Victoria Gardens ...	1,42,340	1,32,637	725	8,978	1,13,395
(*b*) Miscellaneous Gardens, Open Spaces, Band Stands, etc. ...	52,370	48,078	766	3,526	46,221
	1,94,710	1,80,715	1,491	12,504	1,59,616
B.—New Gardens, Recreation Grounds, etc. ...	21,955	5,993	15,363	599	6,926
New Works ...	17,090	8,760	...	8,330	548
Debt Charges ...	2,16,225	2,16,011	190	24	2,16,761
	4,49,980	4,11,479	17,044	21,457	3,83,851
XIV.—Markets and Slaughter Houses.					
A.—Markets and Slaughter Houses—					
(*a*) Central Office ...	41,287	40,943	...	344	40,320
(*b*) Municipal Markets ...	2,31,350	2,07,522	6,673	17,155	1,67,269
(*c*) Slaughter Houses ...	2,80,936	2,59,320	8,614	13,002	1,38,332
	5,53,573	5,07,785	15,287	30,501	3,45,921
Provident Fund and Pension, etc., charges ...	27,194	25,369	250	1,575	23,948
Proportion of General Supervision ...	24,827	21,576	806	2,445	19,393
New Works ...	17,640	5,988	9,734	1,918	5,681
Debt Charges ...	1,95,546	1,94,873	...	673	1,97,730
	8,18,780	7,55,591	26,077	37,112	5,92,673
XV.—Contribution towards Improvement Schemes ...	26,26,997	26,26,997	...	...	24,69,485
XVI.—Provident Fund, Pensions, Gratuities and Compassionate Allowances.					
A.—Provident Fund ...	4,82,000	4,70,802	...	11,198	4,50,486
B.—Pensions, Gratuties, etc. ...	6,93,593	6,21,962	6,500	65,131	6,10,535
	11,75,593	10,92,764	6,500	76,329	10,61,021
XVII.—Urban Immovable Property Tax (on Municipal Properties in the City) ...	57,000	49,675	5,000	2,325	47,839
XVIII.—Grain Compensation ...	30,20,181	24,45,180	9,332	5,65,669	9,72,830
XIX.—Grants-in-aid to Public Institutions ...	3,70,232	3,39,515	24,983	5,734	2,15,950*
XX.—Measures for Civil Defence ...	10,31,145	3,81,622	34,117	6,15,406	11,55,548
XXI.—Extraordinary measures—Removal of debris etc from the fallen Building at Jamshedji Tata Road ...	5,987	1,492	...	4,495	19,013
Total ...	4,25,84,816	3,90,96,449	10,77,000	24,11,367	3,64,65,448

* Includes Rs. 3250 for treatment of Leprosy at Acworth Leper Home shown under VI Hospital in 1942-43.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

APPENDIX No. 4A.

Statement showing the actuals for Measures for Civil Defence as Compared with the Final Grants for 1943-1944.

Item	Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	FINAL GRANTS COMPARED WITH THE ACTUALS: Amount required to be renewed during 1944-45.	FINAL GRANTS COMPARED WITH THE ACTUALS: Savings.	Actuals up to 31-3-43.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ARTICLE I	Rs.	Rs.	Rs.	Rs.	Rs.
	(Government will bear the entire cost of the following items).					
(i)	Staff appointed to work out the Water Rationing Scheme ...	2	1			15,921
(ii)	(1) Provision of static tanks for fire-fighting purposes ...		62,431			2,52,608
	(2) Maintenance and upkeep of static tanks ...		460			76
	(3) Compensation for lands requisitioned for static tanks ...	1,22,550	29,335			288
	(4) Raising the existing barbed wire fencing etc., of static tanks		3,614			4,584
	(5) Sign boards for Static Tanks ...		5,197			...
	Total ...	1,22,550	1,01,037			2,57,556
(iii)	*Organisation of Rest Camps.*					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls ...	5,431	244			17,200
	Under Director of Rest Camps.					
	(2) Cost of Rest Camps ...		*Cr.* 1,260			17,474
	Total ...	5,431	*Cr.* 1,016			34,674
(iv)	AUXILIARY FIRE SERVICE					
	Under City Engineer.					
	(1) Construction of blast and splinter proof walls ...		1,001			39,729
	(2) Providing electric lights, etc., at Byculla Terrace ...		*Cr.* 435			439
	(3) Colour washing at Byculla Terrace ...		*Cr.* 679			680
	(4) Construction of R.C.C. Cisterns for drill purposes at Naigaum Fire Brigade Station at an estimated cost of Rs. 628 (proportionate cost provided here) ...		...			...
	(5) Asbestos sheets for A.R.P. sheds ...		*Cr.* 370			1,378
	(6) Structural protection to the buildings requisitioned for A.F.S. personnel at (1) Shivaji Park; (2) Chawl No. 7, Tejukaya Estate; (3) Byculla Terrace, Haines Road; (4) Tardeo Mansion No. II, Chakti Wadi and (5) Boyce House, Gowalia Tank ...		*Cr.* 1,397			2,196
	(7) Providing a stand-post hydrant at Chaktiwadi, Tardeo ...		...			165
	(8) Providing bamboo matting to A.F.S. shed at Memonwada and Naigaum ...	95,639	332			150
	(9) Water fittings at A.F.S. garrages atShivaji Park, Naigaum and Byculla. ...		1,661			...
	(10) Construction of a Motor garrage at Colaba Market ...		793			...
	Under O. C. F. S.					
	(11) Cost on account of recurring charges of Auxiliary Fire Service staff ...		69,908			1,02,520
	(12) Cost in connection with compensation payable for premises requisitioned for accommodating fire appliances and crews		*Cr.* 7,095			7,095
	(13) Cost of separate Telephone line installed at the Central Fire Brigade Station at Byculla at an estimated cost of Rs. 192 (Moiety of cost provided here) ...		...			96
	(14) Cost of deputation of the O. C. F. S. in connection with his visit to Calcutta ...		...			449
	(15) Rent of Byculla Terrace ...		3,111			...
	Total ...	95,639	66,830			1,54,897
(v)	Rescue Service ...	...	...			...
(vi)	Provision of extra beds at hospitals (including K.E.M. Hospital) ...	...	...			688
(vii)	Supply and distribution of sand bags ...	4,034	2,952			46,385
(viii)	Survey for the purpose of giving advice to owners regarding protection of private buildings ...	6,074	5,707			1,30,838
(ix)	Fire Brigade equipment ...	...	...			...
(x)	Provision of aids to movement in darkened streets ...	1,61,324	53,075			2,43,917
(xi)	Civilian war deaths organisation and recording and notification of casualties ...	...	...			...
(xii)	First Aid Posts—					
	(1) Construction of blast and splinter proof walls ...		44			5,575
	(2) First Aid Post for animals and store-room for A.R.P. equipments at Bandra Slaughter House ...	1,046				...
	(3) Construction of a temporary garage for the First Aid Mobile post at the K.E.M. Hospitals ...					2,273
	(4) Sand bags walling for first-aid posts on behalf of Government					...
	Total ...	1,046	44			7,848
	Article I—Carried over ...	3,96,100	2,28,630			8,92,724

Appendix No. 4A—*contd.*

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	Final Grants compared with the Actuals. Amount required to be renewed in 1944-45	Savings	Actuals up-to 31-3-43	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	3,96,100	2,28,630			8,92,724	
(xiii)	Ambulance vehicles, etc. (convoys) ...	...	...		...	...	
(xiv)	Evacuation ...	22,890	20,004		...	...	
(xv)	Miscellaneous works carried out on behalf of Government—						
	(a) Protection of Warden's Post, distribution of materials, such as A.R.P. Hints, Boards, etc. ...	870	675			16,477	
	(b) Construction of blast and splinter proof walls at C.I.T. Quarters occupied by Police ...	...	Cr. 31			8,563	
	(c) Cost on account of running trolley placed at the disposal of District Superintendent of Police, Bombay Suburban District in connection with safeguarding the City's water supply ...	2,364	1,384			1,523	
	(d) Providing Fire breaks	...	...			352	
	(e) Providing feeding, etc., arrangements to the destitutes from Bengal. ...	17,392	15,402	...	...	...	
	(f) Supply of information regarding deaths in the City to the Controller of Rationing ...	1,089	901	...	...	...	
	Total ...	21,715	18,331	...	...	26,915	
(xvi)	Fire Watching Organisation ...	1,56,134	1,45,941	...	...	65,553	
	Total—Article I ...	5,96,839	4,12,906	...	...	9,85,192	
	ARTICLE II						
	(*The Municipality will bear the entire cost of the following items*)						
(i)	Protection of Municipal property, except water supply, sewerage and fire stations "Municipal Property" includes buildings of which the Municipality is the landlord in so far as it is liable qua landlord—						
	(1) Construction of blast and splinter proof walls ...	20,000	4,784	...	15,216	2,11,171	
	(2) Providing silt trenches at Victoria Gardens ...	...	...	...	...	266	
	(3) Extra-allowance to peons in City Engineer's Department	...	...	...	...	48	
	(4) Cost of staff appointed in Chief Accountant's Department	7,820	7,782	...	38	5,312	
	(5) Cost of a Head Clerk's post in Architectural Branch ...	482	316	...	166	1,312	
	(6) A.R.P. Measures at Municipal Schools ...	...	Cr. 575	...	575	2,480	
	(7) Construction of baffle walls, etc., for Municipal buildings let to tenants and Municipal Markets, Schools, etc. ...	50,000	4	...	49,996	...	
	(8) War Risk Insurance in respect of Municipal Plant and Machinery ...	47,407	32,208	...	15,199	50,638	
	(9) Telephone Attendants at Ward Offices ...	18,000	16,791	100	1,109	9,704	
	(10) Special pay to Temporary Assistant Engineer, II Grade (A.R.P.) ...	60	...	...	60	1,129	
	(11) Labour on A.R.P. works ...	44,787	35,061	...	9,726	39,789	
	(12) Clothing for 25 drivers provided under labour above ...	750	...	...	750	...	
	(13) Contingencies (Printing, Stationery, etc.) ...	4,000	133	...	3,867	...	
	(14) Special pay to Telephone Operator at M.C's. Office ...	...	...	...	...	...	
	(15) War Injuries Insurance in respect of Municipal employees	7,026	7,025		1	...	
	(16) Overtime allowance to H.E's. staff for attending A.R.P. rallies. ...	54	53	...	1	...	
	Total ...	2,00,386	1,03,582	100	96,704	3,21,849	
(ii)	Materials including plant equipment (excluding fire brigade equipment) which will be of use to the Municipality after the termination of the war, whether or not it costs more to purchase at the present time—						
	(1) Protection of sewerage system—						
	(a) Materials ...	9,000	1,912	...	7,088	42,749	
	(b) Purchase of coal ...	20,000	...	...	20,000	...	
	(c) Machinery for Compressor Stations ...	1,07,480	...	...	1,07,480	20	
	(2) Protection of City's Water Supply (out of the Revised Estimates of Rs. 5,03,915) ...	32,998	70	27,000	5,928	10,868	
	(3) Transport scheme ...	63,543	Cr. 32,398	...	95,941	33,456	
	(4) Purchase of Safe for keeping documents ...	...	...	...	...	1,705	
	(5) Purchase of materials from Messrs. Shivlal & Chimanlal...	...	Cr. 6,219	...	6,219	14,028	
	(6) Purchase of typewriter for Hydraulic Engineer's Department ...	...	...	...	...	575	
	(7) Purchase of two pieces of hose pipes for petrol pump ...	...	...	...	...	2,230	
	(8) Purchase of empty drums for storing petrol ...	...	...	...	...	800	
	(9) Purchase of 3 H.P. Motors for Dadar Purification Works ...	...	...	...	...	2,145	
	(10) Supply of petrol tanks and mounting them on chassis ...	60	...	...	60	7,050	
	(11) A.R.P. requirements at K.E.M. Hospital ...	12,500	314	...	12,186	18,992	
	(12) Purchase of 100 cycles ...	4,696	...	...	4,696	4,604	
	(13) Purchase of additional 100 cycles and stirrup pumps ...	4,058	Cr. 549	...	4,607	8,742	
	(14) Cost of 800 hobblers for securing animals ...	...	...	...	...	...	
	(15) Purchase of crowbars for Victoria Gardens ...	...	...	...	...	201	
	(16) Scantling for lions' cages at Victoria Gardens ...	...	...	...	..	...	
	Total ...	2,54,335	Cr. 36,870	27,000	2,64,205	1,48,165	
	Article II—Carried over ...	4,54,721	66,712	27,100	3,60,909	4,70,014	
	Carried over ...	5,96,839	4,12,906			9,85,192	

Appendix No. 4A—*continued.*

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	FINAL GRANTS COMPARED WITH THE ACTUALS. Amount required to be renewed in 1944-45.	Savings.	Actuals up to 31-3-1943.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	5,96,839	4,12,906	...	...	9,85,192
	Article II—Brought forward ...	4,54,721	66,712	27,100	3,60,909	4,70,014
(iii)	Equipment of Municipal personnel, e.g., steel helmets, respirator badges, etc.—					
	Under City Engineer.					
	(1) Steel helmets, replacing damaged badges and embossing Municipal Crest Dye on badges, etc. ...	11,893	4,915	...	6,978	43,921
	Under Hydraulic Engineer.					
	(2) 1,300 Armlets, etc., for the Hydraulic Engineer's staff ...	19	15	...	4	506
	Total ...	11,912	4,930	...	6,982	44,427
(iv)	Lighting restrictions ...	...	...	...	...	...
(v)	Measures for the protection of Municipal staff, excluding structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, e.g., for housing Municipal staff ...					
	(1) Conveyance charges to Municipal officers for taking First Aid Classes ...	...	...	...	...	6
	(2) Rent payable on account of occupation of Byculla Terrace and Vazir Building. ...	7,428	7,427	...	1	...
	(3) Structural protection to quarters occupied by Fire Brigade crews. ...	6,913	4,682	...	2,231	...
	(4) Cost of A.R.P. sheds ...	506	506	...	...	...
	(5) Cost of 5,000 A.R.P. sheds ...	1,250	1,250	...	...	...
	(6) Providing foods, etc., arrangement to Municipal staff of essential service.	3,100	1,607	...	1,493	...
	Total ...	19,197	15,472	...	3,725	6
	Total—Article II ...	4,85,830	87,114	27,100	3,71,616	5,14,447
	ARTICLE III					
	(Government and the Municipality will share equally the cost of the following items, excluding vide Article II (ii); the cost of certain plant and equipment which will be of use to the Municipality after the war).					
(i)	Structural protection of water supply—					
	(1) Structural protection of vital structures (out of the revised estimates of Rs. 5,03,915) ...	22,472	5,448	100	8,412	44,156
	(2) Recurring charges (out of the revised estimates of Rs. 5,03,915) ...	64,316	49,540	100	7,288	51,352
	(3) Extra allowance to employees of water works for A.R.P. work outside office hours during March and April 1942 ...	...	...	...	...	27
	Total ...	86,788	54,988	200	15,700	95,535
(ii)	Structural protection of sewerage—					
	(1) Protective measures at pumping, etc., stations (construction of blast and splinter proof walls out of the estimates of Rs. 5,68,560) ...	40,000	*Cr.* 70	...	20,035	25,922
	(2) Bye-pass connections (out of the estimates of Rs. 5,68,560)	100	48	...	26	3,855
	(3) Establishment cost on account of Telephone Attendants at Municipal Workshops ...	1,927	168	...	880	1,140
	Total ...	42,027	146	...	20,941	30,917
(iii)	Structural protection of Fire Brigade Stations—					
	(1) Protective works against blasts and splinters ...	5,000	*Cr.* †4,279	...	2,301	26,147
	(2) Cost of a separate telephone exchange line installed at Central Fire Brigade Station at a cost of Rs. 192 (moiety of cost provided here) ...	446	* 375	...	12	48
	Total ...	5,446	*Cr.* 3,904	...	2,313	26,195
(iv)	Structural protection and rent of buildings requisitioned for the period of the war in connection with Municipal purposes, e.g., for housing Municipal staff—					
	(1) The scheme of protection of City's water supply (out of the revised estimates of Rs. 5,03,915) ...	11,130	9,514	...	808	19,400
	(2) Construction of blast and splinter proof walls ...	20,494	1,728	...	9,383	1,67,474
	(3) Rent of premises requisitioned for O.C.F.S. ...	3,600	3,519	...	41	2,885
	(4) Purchase of food-grains for Labour Camps in case of emergency ...	...	...	...	...	1,608
	(5) Rent of buildings, etc., requisitioned ...	3,63,306	2,49,174	3,550	53,516	2,49,026
	(6) Rent of telephone at Labour Camps and at the residences of Municipal Officials ...	5,800	4,244	...	778	4,952
	(7) Staff to supervise the buildings requisitioned ...	24,050	...	...	12,025	...
	(8) Cost on account of occupation of 3 stations at (1) Shivaji Park; (2) Supari Baug and (3) Tardeo by A.F.S. and B.F.B. staff and equipment, etc.	17,150	14,645	50	1,203	...
	(9) Repairs to Byculla Terrace ...	2,022	1,116	...	453	...
	Total ...	4,47,552	2,83,940	3,600	78,207	4,45,345
	Article III—Carried over ...	5,81,813	3,35,170	3,800	1,17,161	5,97,992
	Carried over ...	10,82,669	5,00,020	27,100	3,71,616	14,99,639

† This includes a credit of Rs. 4677 entirely on Government account.

*Out of this Rs. 48 to be charged entirely to Municipality.

Appendix No. 4A—*Concluded.*

Measures for Civil Defence.

Item	Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	Final grants compared with the Actuals: Amount required to be renewed in 1944-45.	Final grants compared with the Actuals: Savings.	Actuals up to 31-3-43.
(1)	(2)	(3)	(5)	(4)	(7)	(6)
		Rs.	Rs.	Rs.	Rs.	Rs.
	Brought forward ...	10,82,669	5,00,020	27,100	3,71,616	14,99,639
	Article III—Brought forward ...	5,81,813	3,35,170	3,800	1,17,161	5,97,992
(*v*)	Water Rationing Scheme, excluding (*vide* I(*i*) the cost of the staff appointed to work out the scheme) ...	1,28,076	55,810	...	36,133	42,438
(*vi*)	Camouflage schemes for water supply undertakings ...	...	...	...	...	...
(*vii*)	Opening and sinking of wells—					
	Under Health Officer.					
	(1) Examination of samples and treatment of well water ...	1,08,375	35,782	2,000	34,296	50,544
	Under Hydraulic Engineer.					
	(2) Opening and sinking tube wells as per details below—					
	(*a*) Construction of pump cabins ...	6,440	3,526	...	1,457	7,160
	(*b*) Purchase of 10 pumping sets (Rs. 5,750) and construction of 10 storage tanks (Rs. 27,000) ...	10,800	10,800	...	...	21,950
	(*c*) Provision of electrical service connections ...	1,244	1,104	...	70	1,272
	(*d*) Opening of existing closed wells including establishment ...	62,580	55,992	1,217	2,077	3,99,855
	(*e*) Sinking tube wells including establishment ...	800	400	...	200	34,448
	(*f*) Dewatering of wells including establishment ...	21,030	* 11,178	...	1,186	22,320
	(*g*) Provision of sign boards for location of wells ...	9,600	9,375	...	112	...
	(*h*) Excavating of additional 60 closed wells in the City ...	79,062	75,476	...	1,793	60,937
	(*i*) Work of removal of surplus debris from reopened wells ...	7,180	6,450	...	365	6,318
		1,98,736				
	Total ...	3,07,111	2,10,083	3,217	41,556	6,04,804
(*viii*)	Prevention of spread of epidemics arising out of damage by air raids to sanitary services ...	...	...	...	...	...
(*ix*)	Corpse disposal ...	73,235	5,750	...	33,742	5,094
(*x*) (*xi*) (*xii*)	Clearance of debris ... Repairs of slightly damaged buildings ... Extensive demolitions and demolitions involving the use of explosives.	396	*Cr.* † 15,000	...	15,198	15,178
	Total—Article III ...	10,90,631	5,91,813	7,017	2,43,790	12,65,506
	Total ...	21,73,300	10,91,833	34,117	6,15,406	27,65,145

* Out of this Rs. 7,479-4-0 is chargeable entirely to Municipality.

† Entirely Municipal Share.

SUMMARY

	Final Grants		Actuals		Balance		Municipality.	
	Government	Municipality	Government	Municipality	Government	Municipality	Amount required to be renewed in 1944-45	Savings.
	Rs.	Rs.	Rs.	Rs.	Rs	Rs.	Rs.	Rs.
Article I	5,96,839	...	4,12,906	...	1,83,933	...	...	...
Article II	...	4,85,830	...	87,114	...	3,98,716	27,100	3,71,616
Article III	5,45,316	5,45,315	2,97,305	2,94,508	2,48,011	2,50,807	7,017	2,43,790
Total ...	11,42,155	10,31,145	7,10,211	3,81,622	4,31,944	6,49,523	34,117	6,15,406

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 5.

Revenue Account Balance Sheet as at 31st March 1944.

LIABILITIES.	Rs.
Debts—	
Due on Cash Bills Outstanding Account ...	39,723
" Cheques payable ...	5,78,681
" Stores purchased, Outstanding Accounts ...	2,48,919
" Outstanding Charges for 1943-44 and previous years ...	10,77,000
" Outstanding Charges on account of Interest accrued but not paid (*Vide* details shown in Appendix No. 14-E) ...	10,51,864
Improvement Schemes—	
Contribution falling due in 1943-44 ...	26,19,000
Deposits in Cash and Public Securities from Contractors and private parties (*Vide* details shownin Append ix No. 14-C)...	75,46,403
	1,31,61,590
Public Monuments Maintenance Fund (*vide* details shown in Appendix No. 16-B) ...	1,67,746
Endowments Fund (*vide* details shown in Appendix No. 16-C)	3,09,247
	4,76,993
Stock Account—	
Capital Purchases Account, etc. ...	*Dr.* 1,16,187
Stock Adjustment Account ...	85
	Dr. 1,16,102
Special Funds as at 31st March 1944—	
Fire and Accident Insurance Fund ...	11,75,668
Net Premia Fund ...	47,24,671
Provident Fund ...	2,19,43,605
Fines Fund ...	5,46,359
Plant and Machinery Depreciation Fund ...	16,74,287
Renewal of Road Surfaces Fund ...	28,36,594
Garden Fund ...	93,199
Hospital Fund ...	5,68,437
Land Sales Reserve Fund ...	24,15,099
Slum Service Fund ...	1,70,205
K. E. M. Hospital and G. S. M. College Equipment Fund	94,436
G. S. M. College and K. E. M. Hospital Research Fund ...	55,049
Precast Concrete Slab Pavements Renewal Fund ...	31,018
Fidelity Guarantee Insurance Fund ...	14,086
	3,63,42,704
Carried Forward ...	4,98,65,185

ASSETS.	Rs.
Cash at Bank ...	29,71,325
Cash in Office ...	26,696
Municipal Loans—Interest warrants Payable Account ...	28,891
B. I. Trust Loans—Interest warrants Payable Account ...	8,010
Interest on B. I. Trust Loans Payable Account ...	10,439
Interest receivable Account ...	73
Debts—	
Due for Stores sold ...	11,922
Stock—(*Vide* Appendix No. 14-D)	
Stock (Reserve Stores) ...	7,41,828
Line Suspense Account ...	93,093
Water Works Imprest ...	...
	8,34,921
Capital Stores—	
Stock ...	2,48,316
...	10,83,237
Plant and Machinery ...	20,67,226
Advances, Recoverable—(*Vide* Appendix No. 14-A)	
Departmental Works ...	3,01,584
Private Works ...	1,78,016
Asphalt Plant Crushers, etc. ...	1,81,162
Municipal Officers ...	25,844
Sundries—Miscellaneous—Advances ...	1,40,876
Advances-Measures for Civil Defence ...	37,121
Municipal Tenderers, Contractors, etc. ...	11,560
Purchase of Coal ...	14,852
Purchase of Petrol ...	14,855
	9,05,870
Advances out of Special Funds-(*Vide* Appendix No. 14-B)	
Advances from Plant and Machinery Depreciation Fund for Purchase of Plant and Machinery ...	75,549
Levelling, Metalling etc., Private Streets ...	62,112
Amount advanced from Fines Fund to N. Coombs, Esq., O.C.F.S., for conducting a grain store at Byculla for Fire Brigade Staff ...	5,000
Advances to lowpaid Municipal employees out of Fines Fund ...	5,024
Amount advanced from Net Premia Fund for the purchase of Plant and Machinery for the Municipal Printing Press	1,44,909
Advance for meeting Capital Expenditure from :—	
Municipal Fire and Accident Insurance Fund ...	3,92,965
Plant and Machinery Depreciation Fund ...	10,19,232
Renewal of Road Surfaces Fund ...	8,52,154
Net Premia Fund ...	15,77,492
Land Sales Reserve Fund ...	22,25,000
	63,59,437
Deposits in Public Securities—	
With the Imperial Bank of India ...	7,32,800
In Office ...	2,88,900
	10,21,700
Carried Forward ...	1,44 94,826

Appendix No. 5.—*Concluded.*

LIABILITIES.	Rs.	ASSETS.	In securities.	Deposits in Cash, Fixed & Current a/c.	Rs.
Brought forward ...	4,98,65,185	Brought forward ...			1,44,94,826
Surplus Revenue Fund as per Appendix No. 2. ...	97,30,720				
		Investments— **Special Funds.***	Rs.	Rs.	
		Municipal Fire and Accident Insurance Fund ...	7,82,389	314	7,82,703
		Net Premia, etc., on different Municipal Loans ...	4,73,444	25,28,826	30,02,270
		Provident Fund ...	2,19,43,271	334	2,19,43,605
		Fines Fund ...	5,36,137	198	5,36,335
		Plant and Machinery Depreciation Fund ...	5,17,258	136	5,17,394
		Renewal of Road Surfaces Fund ...	19,84,198	242	19,84,440
		Garden Fund ...	93,066	124	93,190
		Hospital Fund ...	5,68,187	250	5,68,437
		Land Sales Reserve Fund ...	1,90,000	99	1,90,099
		Slum Service Fund ...	1,70,100	105	1,70,205
		K.E.M. Hospital and G.S.M. College Equipment Fund ...	94,329	107	94,436
		G.S.M. College and K.E.M. Hospital Research Fund ...	54,884	165	55,049
		Precast Concrete Slab Pavements Renewal Fund ...	30,900	118	31,018
		Fidelity Guarantee Insurance Fund ...	13,900	186	14,086
			2,74,52,063	25,31,204	2,99,83,267
		Surplus Fund.	Face value.	Actual cost.	
		4% Govt. Loan 1960-70 ...	25,900	24,097	
		3½% G. P. Notes ...	19,46,700	18,85,480	
		4% B.I.T. Debentures ...	16,900	15,741	
		3½% Govt. Loan 1947-50 ...	4,900	4,826	
		3% Municipal Debentures ...	18,29,500	18,29,500	
		3½% Municipal Debentures ...	12,38,300	12,38,300	
			50,62,200	49,97,944	
		In cash, fixed and current a/c. Deposits ...		96,29,396	1,46,27,340
		Investment of Surplus moneys in Public Securities.			
		3½% G. P. Notes ...	13,479		13,479
		Public Monuments Maintenance Fund.			
		(*Vide* Appendix No. 16-B) ...	1,67,746		1,67,746
		Endowments Fund.			
		(*Vide* Appendix No. 16-C) ...	3,09,247		3,09,247
Total ...	5,95,95,905	Total ...			5,95,95,905

* For Face, Purchase and Market Values of each kind of securities held in the Special Funds, please see Appendix No. 16.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

APPENDIX No. 6.

Statement of Special Funds for 1943—44.

Municipal Fire and Accident Insurance Fund.

poration Resolution No. 4572, dated the 4th October 1888, Corporation esolution No. 4479, dated the 5th October 1914, Corporation Resolution o. 5408, dated the 21st September 1922, Standing Committee Resolution o. 3451, dated the 2nd July 1924, and Corporation Resolution No. 13888, ated the 18th February 1926).

	Rs. a. p.	Dr. Rs. a. p.	Cr. Rs. a. p.
nce on 1st April 1943 ...			11,34,135 6 8
ributions for the year ...			7,603 15 0
rest realised during the year ...			44,519 13 0
enditure incurred during the year ...		10,591 1 0	
nce on 31st March 1944 as per Balance heet, Appendix No. 5—			
unt advanced for financing Capital Expenditure	3,92,965 8 0		
unt held in Securities and Cash ...	7,82,702 9 8	11,75,668 1 8	
Total ...		11,86,259 2 8	11,86,259 2 8

Worn-out Water Mains Renewal Fund.

Standing Committee Resolution No. 12512, dated the 22nd February 1893 and Corporation Resolution No. 13406, dated the 9th March 1893).

	Dr. Rs. a. p.	Cr. Rs. a. p.
ance on 1st April 1943 ...		4,946 8 3
erest realised during the year ...		197 14 0
penditure incurred during the year ...	1,867 8 0	
ance on 31st March 1944 as per Balance Sheet, Appendix No. 7 ...	3,276 14 3	
Total ...	5,144 6 3	5,144 6 3

Net Premia Fund.

Corporation Resolution Nos. 5294, dated the 19th November 1888, No. 9222, dated the 11th December 1893 and No. 5179, dated the 15th November 1906 and Standing Committee Resolution No. 3343, dated the 28th August 1907).

	Rs. a. p.	Dr. Rs. a. p.	Cr. Rs. a. p.
lance on 1st April 1943 ...			47,29,993 12 7
le of water-marked paper ...			...
nount transferred to meet repayment of Loans during the year ...		5,322 15 0	
rchase of water-marked paper ...			
lance on 31st March 1944 as per Balance Sheet, Appendix No. 5—			
mount advanced for financing Capital Expenditure	15,77,492 2 0		
mount advanced for purchase of Plant and Machinery for Municipal Printing Press pending adjustment against the provisions for depreciation in subsequent years ...	1,44,908 8 0		
mount held in Securities, Cash and Fixed deposit ...	30,02,270 3 7	*47,24,670 13 7	
Total ...		47,29,993 12 7	47,29,993 12 7

* Out of this, Rs. 20,30,702 belong to Water Works Account.

Fines Fund.

(Corporation Resolution No. 1217 of 12th May 1919).

	Rs. a. p.	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...			5,25,612 5 4
Interest realised during the year ...			16,442 15 0
Net Recoveries of fines during the year. ...			31,685 13 3
Excess of receipts over expenditure in connection with the Municipal grain shops as per C.R. No. 30 of 26-4-44. ...			17,345 5 9
Expenditure during the year ...		44,727 1 9	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5—			
Amount advanced to N. Coombs Esqr., O. C. F. S. for conducting a grain store at Byculla for Fire Brigade staff ...	5,000 0 0		
Advances to Municipal Employees' as sanctioned under C. R. No. 15 of 9-4-42 ...	5,024 7 0		
Amount held in Securities and Cash ...	5,36,334 14 7	5,46,359 5 7	
Total Rs. ...		5,91,086 7 4	5,91,086 7 4

Plant and Machinery Depreciation Fund.

(Corporation Resolution No. 5533 of 1st September 1924).

	Rs. a. p.	Rs. a. p.	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...				16,35,689 11 8
Amount of depreciation on plant and machinery credited to Fund account during the year ...				82,131 5
Expenditure on purchase of Plant and Machinery for replacement			...	
Transfer of excess accummulations in the Plant and Machinery Depreciation Fund ...			43,533 7 6	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5—				
Amount advanced for financing Capital Expenditure ...		10,19,232 4 0		
Amount advanced for purchase of Plant and Machinery pending adjustment against provisions for depreciation in subsequent years—				
Balance on 1-4-1943 ...	85,680 10 0			
Less-Depreciation adjusted during the year ...	10,131 5 0	75,549 5 0		
Amount advanced for meeting expenditure on levelling, metalling, etc., Private Streets		62,111 11 3		
Amount held in Securities and Cash ...		5,17,394 5 10	16,74,287 10 1	
Total ...			17,17,821 1 7	17,17,821 1 7

Renewal of Road Surfaces Fund.

(Corporation Resolution No. 774 of 27th April 1925).

	Rs. a. p.	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...			27,14,710 3 5
Interest realised during the year ...			1,05,189 8 0
Contribution from Revenue during the year.			1,03,287 0 0
Expenditure incurred during the year. ...		86,592 12 0	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5—			
Advance for financing Capital Expenditure ...	8,52,153 14 0		
Amount held in Securities and Cash ...	19,84,440 1 5	28,36,593 15 5	
Total Rs. ...		29,23,186 11 5	29,23,186 11 5

Garden Fund.

(Corporation Resolution No. 912, of 1st May 1930).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		84,617 11 6
Recoveries during the year ...		12,823 9 6
Interest realised during the year ...		3,382 15 0
Expenditure during the year ...	7,634 0 0	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	93,190 4 0	
Total Rs. ...	1,00,824 4 0	1,00,824 4 0

Levelling, Metalling, etc., Private Streets Fund.

(Corporation Resolution No. 9427 of 23rd January 1922 and Corporation Resolution No. 11147 of 7th January 1926).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Expenditure incurred out of the amount advanced from Plant and Machinery Depreciation Fund as on 1st April 1943 ...	87,937 13 7	
Expenditure during the year ...	1,354 7 0	
Recoveries on account of expenditure during the year ...		28,075 11 4
Interest charges during the year ...	3,584 14 0	2,689 12 0
Advance from Plant and Machinery Depreciation Fund as at 31st March 1944 ...		62,111 11 3
Total Rs. ...	92,877 2 7	92,877 2 7

Public Monuments Maintenance Fund.

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		1,67,745 13 0
Donations received during the year ...		...
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	1,67,745 13 0	
Total Rs. ...	1,67,745 13 0	1,67,745 13 0

Endowments Fund.

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		2,98,382 6 0
Interest, Bonus, etc., invested during the year and donations received ...		10,864 12 0
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	3,09,247 2 0	
Total Rs. ...	3,09,247 2 0	3,09,247 2 0

APPENDIX No. 6—*Concluded.*

Statement of Special Funds 1943-1944.

Hospital Fund.
(Corporation Resolution No. 497 of 15th November 1934).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		4,74,084 0 6
Donations received during the year ...		94,353 0 0
Expenditure incurred during the year ...	...	...
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	5,68,437 0 6	
Total ...	5,68,437 0 6	5,68,437 0 6

Lands Sales Reserve Fund.
(Corporation Resolution No. 705 of 19th December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		26,43,485 9 7
Amount transferred to make good the deficit in the amount of Rs. 10 lakhs to be credited to Revenue on account of sale proceeds of surplus land during the year ...	3,08,756 0 3	
Interest realized during the year ...	...	80,369 1 0
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5:—		
Advance for financing Capital Expenditure Rs. 22,25,000 0 0		
Amount held in securities and Cash. Rs. 1,90,098 10 4	24,15,098 10 4	
Total ...	27,23,854 10 7	27,23,854 10 7

Slum Service Fund.
(Corporation Resolution No. 930 of 27th F(bruary 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		1,66,921 3 3
Interest realized during the year ...		5,013 13 0
Expenditure during the year ...	1,729 10 0	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	1,70,205 6 3	
Total ...	1,71,935 0 3	1,71,935 0 3

K. E. M. Hospital and G. S. M. College Equipment Fund.
(Corporation Resolution No. 650 of 3rd December 1935).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		72,061 10
Contribution from Revenue for the year ...		22,374 0
Expenditure during the year ...		
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	94,435 10 0	
Total ...	94,435 10 0	94,435 10

G. S. M. College and K. E. M. Hospital Research Fund.
(Corporation Resolution No. 176 of 21st June 1937).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		44,156 4
Subsidy received from the C. P. Government during the year ...		14,500 0
Interest realized during the year ...		1,629 8
Expenditure during the year ...	5,236 11 0	
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	55,049 1 11	
Total ...	60,285 12 11	60,285 12

Precast Concrete Slab Pavements Renewal Fund.
(Corporation Resolution No. 612 of 23rd November 1936).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		17,384 0
Contribution from Revenue during the year ...		13,634 0
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	31,018 0 0	
Total ...	31,018 0 0	31,018 0

Fidelity Guarantee Insurance Fund.
Corporation Resolution No. 1283 of 10th March 1941).

	Dr. Rs. a. p.	Cr. Rs. a. p.
Balance on 1st April 1943 ...		8,568 13
Net Recoveries during the year ...		5,180 7
Interest realized during the year ...		336 6
Balance on 31st March 1944 as per Balance Sheet, Appendix No. 5 ...	14,085 10 0	
Total ...	14,085 10 0	14,085 10

Provident Fund.
(Corporation Resolution No. 5598, dated the 7the September 1920)

	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
Balance on 1st April 1943				
Amount of Subscriber's Accounts—				
(1) Other than Trust and Schools Committee's employees	127,02,210 3 0			
Deduct—Net opening balance of accounts transferred from Municipal to Trust Section and Schools Committee	78,187 4 0	126,24,022 15 0		
(2) Trust employees	19,43,120 14 2			
Add—Net opening balance of accounts transferred from Municipal and Schools Committee to Trust Section	68,499 13 0	20,11,620 11 2		
(3) Schools Committee's Employees	53,59,331 0 0			
Add—Net opening balances of Accounts transferred from Municipal to Schools Committee.	25,502 10 0			
	53,84,833 10 0			
Less—Net opening balances of Accounts transferred from Schools Committe to Municipal.	15,815 3 0	53,69,018 7 0		
(4) Excess Interest, Profit on sale of Securities, etc.		1,29,552 0 4		201,34,214 1
Receipts on account of Subscriptions and contribution during 1943-44 in respect of employees other than Trust and School Committee's Employees	15,25,795 4 0			
Deduct—Payments during the year	9,26,731 2 0	5,99,064 2 0		
Interest allowed on Provident Fund accounts of employees other than Trust and Schools Committee's employees	5,33,612 4 0			
Less—Payment during the year	12,449 7 0	5,21,162 13 0		11,20,226 15
Receipts on account of Subscriptions and Contributions during 1943-44 in respect of Provident Fund Accounts of Trust Employees	1,85,464 13 0			
Less—Payments during the year	1,64,356 9 0	21,108 4 0		
Interest allowed on Provident Fund Accounts of Trust employees	83,656 7 0			
Less—Payments during the year	2,434 9 0	81,221 14 0		1,02,330 2
Payments during the year	4,53,404 0 0			
Deduct—Receipts on account of Subscriptions and Contributions during 1943-44, in respect of Provident Fund Accounts of Schools Committee's Employees ...	46,845 11 0	4,06,558 5 0		
Interest allowed on Provident Fund Accounts of Scholols Committee's Employees.	2,30,883 2 0			
Less—Payments during the year	36,355 15 0	1,94,527 3 0		6,01,085 8
Interest allowed at 4¼ per cent. per annum on Provident Fund Accounts ...				
(1) Employees other than Trust and Schools Committee's Employees	5,33,612 4 0			
(2) Trust Employees	83,656 7 0			
(3) Schools Committee'a Employees	2,30,776 3 0	8,48,044 14 0		
Deduct—Net Interest on Provident Fund Investments realized during the year ...		8,33,792 12 0	14,252 2 0	
Balance on 31st March 1944 as per Balance Sheet Appendix No. 5			219,43,604 8 6	
			2,19,57,856 10 6	2,19,57,856 10

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,

Appendix No. 7.

Capital Fund Balance Sheet as at 31st March 1944.

LIABILITIES.		Rs.
Loans Outstanding :—		
Due to Government		
(*Vide* details as shown in Appendix No. 11) ...		5,06,89,087
Due to Public—		
(*Vide* details as shown in Appendix No. 11) ...		8,39,31,000
Advances from Special Funds—		
(*Vide* details as shown in Appendix No. 11) ...		60,66,844
		14,06,86,931
Trust Fund Account—		
Donation from Sir Currimbhoy Ebrahim for the construction of a Primary School Building—		
Balance on 1st April 1943	Rs. 58,365	
Interest	„ 616	
		58,981
Donation from Messrs. Thakordas and Co., Solicitors on behalf of their client Bai Kailasgavri for a General Public Dispensary in the Vicinity of Mumbadevi ...		30,000
		88,981
Worn-out Water Mains Renewal Fund Account ...		3,277
Surplus—		
CAPITAL ASSETS AT ORIGINAL COST OVER LIABILITIES :—		
Sinking Fund on Loans		3,32,83,833
Loans Redemption Fund		10,60,46,560
Unbooked Property		45,37,836
Premia on Loans		3,20,849
Contributions from Special Funds		8,03,171
Do. Revenue for Loan Works Establishment		17,870
Do. G. I. P. Railway		3,74,000
Do. Port Trust		1,56,500
Do. Government for Schools... ...		5,00,000
Do. Government for widening the Love Grove Bridge		91,234
Do. Worn-out Water Mains Renewal Fund		9,60,873
Do. Land and Buildings Fund ...		74,80,434
Do. Development Fund		1,34,32,075
Do. Revenue towards Bai Jerbai Wadia Hospital for Children ...		7,00,000
Do. Trust Fund		42,92,301
		17,29,97,536
Deduct—		
Assets written off—		
Amount as on 31st March 1943	Rs. 7,31,892	
Additions during the year ...	„ 58,559	
		7,90,451
		17,22,07,085
Grand Total ...		31,29,86,274

ASSETS.				Rs.
Block Account :—				
Loan Funds—				
Property and Assets at original cost as per Appendix No. 8.			Rs. 26,14,12,007	
Deduct—Subventions granted for the conversion of privies into water closets, shown below			20,97,439	
			25,93,14,568	
Add—Subventions granted for the conversion of privies into water-closets Rs. 22,96,275				
Deduct—Expenditure written off Rs. 1,98,836			Rs. 20,97,439	26,14,12,007
Trust Fund—				
Expenditure as per Appendix No. 8				42,92,301
Worn-out Water Mains Renewal Fund—				
Expenditure as per Appendix No. 8				9,60,873
Unbooked Property—				
As per valuation of 1884				45,37,836
Municipal Land and Buildings Fund—				
Land purchased and Buildings erected as per Appendix No. 8				43,03,044
Temporary advance to Development Fund				31,77,390
Investments—				
Sinking Fund—				
As per Appendix No. 10				(*a*) 3,32,83,833
Loan and Trust Funds—	Face Value Rs.	Rate	Book Value Rs.	
3% Municipal Debentures,	93,100	par.	93,100	
3½% Municipal Debentures,	1,83,500	par.	1,83,500	
3½% Govt. Loan 1947-50	12,100	98-8-0%	11,919	
	27,900	96%	26,784	
	3,16,600		3,15,303	
In fixed Deposits			7,00,400	
In Cash			10	*10,15,713
Special Fund—				
Worn-out Water Mains Renewal Fund				
In Securitiecs			Rs. 3,190	
In Cash			87	†3,277
				31,29,86,274

(*a*) For Face, Purchase and Market Values of Securities held in the Sinking Funds, please see Appendix No. 16-A.

* Inclusive of Rs. 88,981 on account of Trust Funds.

† For Face, Purchase and Market Values of Securities held in the Fund, please see Appendix No. 16.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 8.

SUMMARY.

——	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
(1) Loans Funds.			
I.—General Supervision, Collection of Revenue, etc. ...	20,43,771	...	20,43,771
II.—Water Works	9,90,57,174	7,67,308	9,98,24,482
III.—Education, Primary	27,89,166	2,792	27,91,958
V.—Public Health Department	16,03,919	8,067	16,11,986
VI.—Medical Relief and Education	81,75,441	3,382	81,78,823
VII.—Street Cleansing and Conservancy Road Watering and Halalkhore Service	90,23,871	*Cr.* 7,216	90,16,655
VIII.—Roads, Drains and Sewers	7,62,31,581	7,98,347	7,70,29,928
IX.—Mechanical	31,45,508	22,832	31,68,340
X.—Buildings, Land Acquisition and Management ...	4,27,79,005	55,061	4,28,34,066
XI.—Fire Brigade	12,11,645	52,352	12,63,997
XIII—Gardens and Open Spaces	36,76,874	...	36,76,874
XIV.—Markets and Slaughter Houses	81,96,709	2,794	81,99,503
Carried forward ...	25,79,34,664	17,05,719	25,96,40,383

——	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
Brought forward ...	25,79,34,664	17,05,719	25,96,40,383
XV.—Slum Service	6,36,658	7,157	6,43,815
XVI.—Measures for Civil Defence	976	79,661	80,637
Discount and other Charges on Loans	4,86,690	15,000	5,01,690
Plant and Machinery	5,08,694	36,788	5,45,482
(1) Loan Funds—Total Rs.	25,95,67,682	18,44,325	26,14,12,007
(2) Trust Fund.			
Works executed	42,65,891	26,410	42,92,301
(8) Worn out Water Mains Renewal Fund.			
Works executed	9,59,005	1,868	9,60,873
(4) Land and Buildings Fund. ...			
Lands purchased and buildings erected	43,03,044	...	43,03,044
Grand Total ...	26,90,95,622	18,72,603	27,09,68,225

Appendix No. 8.

Block Account showing details of Capital Expenditure upto 31st March 1944.

——	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
I.—GENERAL SUPERVISION, COLLECTION OF REVENUE, Etc.			
Works completed (as per Report for 1942-43)	20,43,771	...	20,43,771
I.—General Supervision, etc., Total ...	20,43,771	...	20,43,771
II.—WATER WORKS, ORDINARY.			
Works completed (as per Report for 1942-43)	4,57,26,442	...	4,57,26,442
Conversion gradually of an adequate number of underground hydrants out of the existing 4,849 underground hydrants into stand-post hydrants to prevent pollution of the water supply of the City ...	51,880	3,700	55,580
Providing water mains with hydrants, etc., in the layout of roads in Scheme No. 57, Sewri-Wadala	1,17,667	9,225	1,26,892
Extending 18″ main in King Edward Road from Haffkine Institute upto junction of Sewri New Road	89,806	7,593	97,399
Remodelling the existing Tulsi Pipe Bridge across the Bandra Creek	821	...	821
Enlarging 3″ water main in Nizam Street to 6″ between Parel Road and Goghari Moholla	4,220	217	4,437
Laying 6″ water main in Road No. 17, Naigaum Estate, between Govindji Kini Road and Dadar Road	9,396	109	9,505
Replacing the 3″ and 6″ water main in Vithal Wadi Lane by a 12″ main.	15,113	185	15,298
Laying a 6″ water main in Saboo Sidik Road	8,514	50	8,564
Providing a 6″ water main in 40′ road off Govindji Kini Road ...	4,747	63	4,810
Laying a 6″ water main in Road No. 11, Scheme 52, Worli Development with a 6″ branch to connect the existing 12″ main in Worli Road	14,999	1,024	16,023
Laying a 6″ water main in Durgah Street	3,777	57	3,834
Laying a 5″ main in Albert Road	1,418	50	1,468
Laying a 5″ water main in Hamalwadi	2,022	221	2,243
Cutting off the 7″ water main in Colaba Causeway from Wellington Fountain to Arthur Bunder Road and transferring its connection to the 12″ main	6,839	26	6,865
Providing a 6″ water main in Road 19C Sion Scheme 6 ...	6,465	16	6,481
Providing 5″ main in Dadar Cross Road	2,378	110	2,488
Laying a 6″ main in 40′ road off B. D. D. Chawls Roads (Worli) ...	3,232	...	3,232
II—Water Works—Carried over ...	4,60,69,736	22,646	4,60,92,382

——	Capital Expenditure up to 31st March 1943.	Expended during the year	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,60,69,736	22,646	4,60,92,382
Providing 6″ main in Forjett Cross Lane	3,595	60	3,655
Providing 6″ main in Road No. 24, Sion Scheme No. 6 ...	13,320	...	13,320
Enlarging and extending the 3″ main in Dhobitalao 2nd Lane to 5″.	2,458	50	2,508
Replacing 7″ main in Warden Road by 12″ main ...	51,725	100	51,825
Providing an additional 12″ main in East end footpath at DeLisle Road	32,276	91	32,367
Enlarging the 3″ main in Telwady, 1st Cross Lane to 6″ ...	4,089	...	4,089
Enlarging 3″ water main in mount Pleasant Road to 6″ from Ridge Road to Napean Sea Road	13,951	53	14,004
Providing out let mains for Bhandarwada Hill reservoir ...	4,017	173	4,190
	4,61,95,167	23,173	4,62,18,340
Works completed during the year:—			
Providing 9″ and 6″ distributing mains in Block No. 2 ...	76,741	8	76,749
Making a pitometer survey of the trunk and distributory water mains in the City	28,164	7	28,171
Water proofing the Malabar Hill and Bhandarwada Reservoirs by gunite surface	7,40,995	...	7,40,995
Reconstruction of trolley track from Ghatkopar to Futka Tank, Matunga	59,123	172	59,295
Providing Office and staff quarters for the chlorination staff at the Vehar Lake	3,138	...	3,138
Laying a 5″ main in Matharpacady Cross Road	2,007	...	2,007
Providing a 5″ water main in the lane off low level Road at Carrol Bridge	3,449	...	3,449
Providing a 9″ main in Samuel Street	17,705	...	17,705
Providing 6″ main in Raichur Street	2,268	...	2,268
Providing 6″ main in western footpath of Suparibag Road ...	19,068	424	19,492
Enlarging the 3″ main in Ghogari Moholla 1st Cross Lane to 6″ and providing a 5″ water main in Ghogari Moholla 2nd Cross Lane.	3,875	75	3,950
Providing a 5″ water main in Nowland Street and DeLima Street Cross Lane	4,862	...	4,862
Providing a 5″ water main in Burrows Cross Lane off Burrows Lane (G Ward)	2,490	...	2,490
Providing water main in 40′ Road off Saboo Siddiq Street ...	7,050	315	7,365
Cleaning the Vehar Lake	45,415	2,439	47,854
II.—Water Works—Works completed during the year ...	10,16,350	3,440	10,19,790
Total—Works completed ...	4,72,11,517	26,613	4,72,38,130

Appendix No. 8—*continued.*

	Capital Expenditure up to 31st March 1943.	Expended during the year.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,72,11,517	26,613	4,72,38,130
Works in progress—			
Providing water mains in the layout of new roads at Back Bay Reclamation Scheme—			
Providing 9" and 6" distributory mains in Block No. 1 ...	55,217	105	55,322
Providing 30" trunk main from the end of Block No. 1 along Marine Street and 120" road opposite Band Stand with a cross connection to existing main near Wellington Fountain ...	1,32,449	3,480	1,35,929
Providing new water mains in Mahim District	72,167	8,977	81,144
Laying further water mains in some of the roads in Mahim District.	34,141	639	34,780
Acquisition of Khardi Village with its houses, wells, trees, etc. ...	19,992	57	20,049
Enlarging the 5" water main in Falkland Road to 7" from Lamington Road to Grant Road	18,113	55	18,168
Providing additional hydrants and S. V.s on the existing water main in certain roads of the Dadar Matunga Estate, Scheme Nos. 5 and 6	18,916	...	18,916
Enlarging the 6" water main in Old Hanuman Lane to 9" ...	12,875	140	13,015
Provision of Booster Pump at Bhandarwada Reservoir ...	30,029	209	30,238
Laying 6" water main in road No. 2, Naigaum Estate between Morbaug Road and Govindji Kini Road	6,584	234	6,818
Reconstructing two portions of the trolley track along the 48" Vehar main	17,365	3,833	21,198
Providing additional inlets and outlets at Malabar Hill Reservoir...	3,28,422	46,572	3,74,994
Connecting the ends of the 32" Vehar main near Byculla Bridge...	52,651	1,075	53,726
Scheme for centralising various operations for the sterilization of the Bombay water supply	68,421	1,933	70,354
Widening and raising the embankment providing a trolley track and laying new 57" steel main wherever necessary in Bandra Creek	90,616	31,809	1,22,425
Gunite and cementation work of the dam and the provision of a trolly track along its toe at Tansa	1,50,607	29,061	1,79,668
Providing mains in roads Nos. 1, 2, 8, 27, 27A and 29, Sion Scheme 6	46,041	13,959	60,000
Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road...	3,882	5,405	9,287
Providing protective measures along the slopes of the Bhandarwada Hill Reservoir	23,749	105	23,854

	Capital Expenditure up to 31st March 1943.	Expended durng the year.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,72,11,517	26,613	4,72,38,130
II.—Water Works—Works in Progress—Brought forward ...	14,88,440	1,92,425	16,80,865
Providing a 6" main in Assembly Lane and enlarging the existing 3" main in Malharrao Wadi to 5" and extending it to meet the proposed main in Assembly Lane (C Ward)	6,608	597	7,205
Providing a 6" main in Fopalwadi 3rd Lane ande extending the existing 6" main Fopalwadi 2nd Lane (C Ward)	5,424	746	6,170
Enlarging the existing 3" and 4" water mains in King's Lane and 4" main in Gola and Jiwanji Lane (A Ward)	3,418	1,941	5,359
Extending the 5" main in Falkland Road Low Level (North) to meet the 9" main in Sleater Road	2,416	16	2,432
Strengthening spans Nos. 6 and 7 of the old Kasheli Bridge with incidental works	1,07,604	1,37,029	2,44,633
Treating further portion of the 57" Steel mains in Sleater Road from Nana's Chowk to Falkland Road with reinforced gunite.	29,024	45,595	74,619
Constructing 1¼ million gallons capacity reinforced gunite elevated tank at Bhandarwada	1,02,659	27,247	1,29,906
Connecting the 4" Bandra Slaughter House Main to 24" Tulsi Main.	Cr. 3	3,836	3,833
Enlarging the 5" water main in Carmichael Road to 9" and extending it to connect the same with 6" main in Altamount Road ...	8,087	12,312	20,399
Laying a 5" water main in Bhandup Street	1,156	944	2,100
Providing a 5" water main in Shenvi Wadi and Pimpalwadi Lane from 6" main in Kandewadi to join it to 6" main in Mubghat Lane.	3,624	957	4,581
Providing a 5" water main in Babula Tank Cross Road from 14" main in Babula Tank Road to meet the 6" main in Imamwada Road	6,274	1,052	7,326
Laying 5" water mains in Road Nos. 19A, 19B and 19D in Sion Scheme No. 5	8,985	1,201	10,186
Enlarging the existing 3" an 4" water mains in Jail Road South to 5"	5,940	917	6,857
Laying a 5" main in Ganeshwadi 1st Lane and enlarging and extending 3" main in Ganeshwadi 2nd Lane and connecting it with the proposed main in Ganeshwadi 1st Lane (C Ward) ...	2,878	1,670	4,548
Providing concrete blocks under steel mains outside City at places where they are badly corroded	18,416	10,314	28,730
Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary	6,698	2,680	9,378
Laying 5" water main in Falkland 2nd, 3rd and 4th Cross Lanes...	9,795	248	10,043

Connecting 15" main in Jackeria Musjid Street to 15" main in Chakla Street	15,396	151	15,547
Providing 12" main in Vithalbhai Patel Road from Charni Road to Cawasji Patel Tank Road	21,509	2,453	23,962
Laying 9" main in the extension of Worli Sea Face Road and 50′ road parallel to it, Worli Scheme No. 58... ...	16,361	...	16,361
Providing 6" main in Road Nos. 13A, 13B and 13C, Naigaum Scheme No. 60	3,878	817	4,695
Enlarging and extending the 4" main in College Road to 6" ...	8,484	...	8,484
Providing 6" water main in Worli Sonapur Lane	8,945	1,660	10,605
Repairing and extending the Trolley Track in various syphons of the duct line outside Bombay	15,075	12,884	27,959
Laying water main in ex-Trust Dharavi Scheme ...	20,459	10	20,469
Providing housing accommodation for the labour staff outside the City	19,821	...	19,821
Laying an 18" main in 1st Marine Street	21,716	477	22,193
Laying a 5" water main in portion of Road No. 9 (Dadar) from King's Circle to Road No. 8 (Scheme Nos. 5 and 6) ...	2,184	366	2,550
Providing a 5" water main in Jambulwadi between Girgaum Road and Kalbadevi Road	2,143	417	2,560
Providing a 6" main in the remaining portion of Agiary 1st Lane and connecting the existing 6" mains in Agiary 3rd Lane to the proposed main	1,627	498	2,125
Providing 6" water main in Sitafal Wadi off Mount Road and 5" main in bye-lanes off Victoria Road (E Ward)	3,009	1,535	4,544
Enlarging the existing 3" and 4" water mains in Mahim Kapad Bazar Road from Cadell Road to Mahim Bazar Cross Road to 6".	3,407	2,502	5,909
Enlarging the existing 3" water main to 5" in Popatwadi off Kalbadevi Road	3,640	437	4,077
Providing an additional 9" water main in Bhavanishankar Road ...	11,768	4,618	16,386
Enlarging and extending 4" water main in Shroff and Pestonji Street to 5" and providing a 5" water main in Hamal Street, 5" main in Bora Bazar Cross Lane, Maneckji Street and Koli 3rd Lane (Colaba)	13,167	268	13,435
Enlarging the existing 3" main in Arthur Road to 5" and extending the existing 6" main in Arthur Road to B. B. & C. I. Railway Lines	9,210	123	9,333
Providing a 5" water main in 40′ road off 50′ road off Lady Jamshedji Road (G Ward)	3,425	...	3,425
Providing a 5" water main in Umarkhadi 3rd Lane (B Ward) ...	3,605	89	3,694
Laying water main in Sion, Scheme No. 6	14,261	2,711	16,972
Enlarging the existing 3" and 4" water mains in Parel Chawl Road to 5"	15,639	430	16,069
Laying a 24" main in Worli Road in continuation of 24" main in Haines Road	67,474	12,331	79,805
II—Water Works—Works in Progress—Carried over ...	14,88,440	1,92,425	16,80,865
II—Water Works—Carried forward ...	4,72,11,517	26,613	4,72,38,130

Extending the existing 5" water main in Bhaskar Lane (C Ward) ...	2,438	456	2,894
Providing a 12" main along western slope of Malabar Hill from Malabar Hill Reservoir to Napean Sea Road	10,357	3,809	14,166
Purchase of New Meters	9,029	32,550	41,579
Enlarging and extending the existing 4" water main in Belvedere Road, Mazagaon	5.911	7,674	13,585
Enlarging the 5" and 3" water mains in Lamington Road, enlarging the 3" mains in Topiwala Lane and Tara Temple Lane ...	5,587	14,411	19,998
Enlarging and extending the existing 3" and 4" water mains in Musjid Bunder Road from Jackeria Musjid Street to Narsi Natha Street to 6"	7,884	6,673	14,557
Enlarging and extending the 4" water main in Gas Works Lane off Parel Road (F Ward)	1,828	15,910	17,738
Providing a 9" water main in Foreshore Road, Back Bay Reclamation Area	3,987	15,717	19,704
Extending 9" water main of east footpath of Vincent Road to meet the 24" main in Matunga Road	1,195	250	1,445
Providing a 5" main in Laburnam Road	429	2,280	2,709
Removing the embedded portions of the 32" Vehar Main and 48" old and new Tansa Mains over the swing bridge at Kurla and relaying the same over the existing piers of the bridge ...	5,915	12.927	18,842
Measures for preventing frequent bursts on trunk mains inside the City	229	5,224	5,453
Augmentation of City's water supply	27,134	1,559	28,693
Enlarging and extending 4" main in Curry Road Low Level (G Ward)	...	14,686	14,686
Enlarging the 3" main in Tadwadi to 6" and extenidng the same...	...	4,140	4,140
Enlarging the 5" main in Zaoba's Oart (C Ward)	...	4,081	4,081
Laying a water main in Kamathipura 12th Street	...	1,235	1,235
Enlarging and extending the 3" main in Tamarind Lane and enlarging the 4" main in Meadow's Street	...	5,737	5,737
Providing 24" cross connections between the Trunk mains outside the City	...	5,057	5,057
Enlarging and extending the 3" main in Ghoga Street to 4" main in Parsi Bazar Street and enlarging the 3" main in Store Lane ...	...	5,965	5,965
Improving the water supply in Stable Street Kamathipura, E Ward.	...	4,707	4,707
Providing a 5" water main in Cumbala Road, D Ward ...	...	3,605	3,605
Providing a 5" water main in Dockyard Road	...	2,843	2,843
Enlarging the 4" main in Hornby Road East footpath from Gunbow Street to Ghoga Street	...	6,707	6,707
Providing a 5" water main in Reay Road between Gunpowder Road and Dockyard Road and in the two bye-lanes	...	6,597	6,597
Enlarging the 3" water main in Peerkhan 1st Lane (E Ward) ...	...	1,815	1,815
Enlarging the 4" watermain in Sheikh Buran Kamoddin Street, (E Ward)	...	8,622	8,622
II.—Water Works—Works in Progress—Carried over...	18,99,366	6,36,964	25,36,330
II.—Water Works—Carried over...	4,72,11,517	26,613	4,72,38,130

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure up to 31st March 1944.
	Rs.	Rs.	Rs.
II—Water Works—Brought forward ...	4,72,11,517	26,613	4,72,38,130
II—Water Works—Works in progress—Brought forward ...	18,99,366	6,36,964	25,36,330
Enlarging and extending the 3" main in Chambar Lane off Patel Road (E Ward)	...	5,205	5,205
Enlarging and extending the 4" water main in Ulster Road (E Ward).	...	4,994	4,994
Extension of the mains at Worli Sea Face Road and the 60' road parallel to it upto Love Grove Road	...	...	...
Providing a water main in Pan Gully (D Ward)	...	1,962	1,962
Providing a water main in Alexandra Road, (D Ward) ...	...	3,021	3,021
Enlarging the 4" water main in Narayan Dhuru Street, B Ward to 9".	...	5,673	5,673
Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar to Charni Road, (D Ward) ...	...	5,744	5,744
Enlarging the existing 4" main in Cruickshank Road to 9" (A Ward).	...	9,667	9,667
Enlarging the existing 4" main in Abdul Rehman Street, (B Ward).	...	8,433	8,433
Laying a 6" water main in King Edward Road between Dadar Road and Hospital Avenue	...	2,693	2,693
Enlarging the 4" main in Peerkhan 3rd Lane, (E Ward) ...	...	2,968	2,968
Laying a water main in Bhai Jiwnji Lane, (C Ward)... ...	...	3,868	3,868
Enlarging and extending the existing 3" main in Sindhi Lane to 6", (C Ward)	...	2,219	2,219
Laying a 6" main in Shankar Bari Lane, (C Ward)	...	2,999	2,999
Replacing the existing 5" main in Israel Moholla by 9" main and providing a 5" main in Israel Moholla Cross Lane, (B Ward) ...	...	4,759	4,759
Providing 6" water main in Nardulla Tank Road, (C Ward) ...	...	2,034	2,034
Extending the existing Anchor Blocks and providing additional ones in outside City Divisions	...	3,703	3,703
Providing a water main in 40' road in Worli Estate, Scheme No. 58 (G Ward)	...	3,574	3,574
Enlarging the 4" main in Mangesh Senoy Street off Hornby Road, (A Ward)	...	683	683
Providing water mains in roads Nos. 8, 8-A and 9 of Naigaum Scheme No. 60, (F Ward)	...	3,459	3,459
Providing water main in Northbrook Street, (E Ward) ...	...	2,165	2,165
Enlarging the 4" main in Kumbharwada Cross Lane to 6", (E Ward)	...	3,591	3,5[illegible]1
Laying a 6" water main in road N.o. 56, Dadar-Matunga Estate, (F Ward)	...	2,611	2,611
Laying water main in New Bengalpura Street, (B Ward) ...	...	3,560	3,560
Enlarging and extending the water main in Mustan Tank Road, (E Ward)	...	4,144	4,144

—	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure up to 31st March 1944.
	Rs.	Rs.	Rs.
V—Public Health—Brought forward ...	15,00,506	...	15,00,506
Works in Progress—			
Providing a Cemetery for Ahmedia Muslim Community at Bhoiwada	4,814	...	4,814
Providing a Cemetery for Hindus at Dharavi	13,993	8,067	22,060
Providing a Cemetery for Dawoodi Bohra Community ...	84,606	...	84,606
	1,03,413	8,067	1,11,480
V.—Public Health—Total ...	16,03,919	8,067	16,11,986
VI.—MEDICAL RELIEF AND EDUCATION.			
Works completed (as per Report for 1942-43)	73,19,501	...	73,19,501
Works completed during the year:—			
Constructing and equipping additional buildings in the compound of the Turner Sanatorium at Bhoiwada for incresing by 40 beds the accommodation for Tubercular patients (Past expenditure booked under Trust Fund)...	50,436	...	50,436
Constructing Nurses' Quarters, etc., in the compound of the Bellasis Road Maternity Home	27,592	420	28,012
Additions and Improvements at A. R. Hospital	17,934	1,764	19,698
Municipal share for the cost of constructing buildings, etc., for the Tuberculosis Hospital at Sewree...	2,42,571	4,792	2,47,363
Extension of the kitchen at ward pavilions at the K. E. M. Hospital.	17,211	...	17,211
Construction of the T. B. Clinics in the City	116	...	116
	76,75,361	6,976	76,82,337
Works in progress—			
Extension of the K. E. M. Hospital (Part expenditure booked under Trust Fund)	5,00,080	*Cr.* 3,626	4,96,454
Extension of Nurses Quarters kitchen in the Nurses Quarter &c., at Arthur Road Hospital	...	16	16
Reconstruction of the collapsed wall &c., at Turner Sanatorium...	...	16	16
	5,00,080	*Cr.* 3,594	4,96,486
VI.—Medical Relief, etc.—Total ...	81,75,441	3,382	81,78,823

Providing a 6" main in Wallace Street, (A Ward)	...	4,990	4,990
Laying 6" water mains in Roads Nos. / A and 18 (part) in Dadar-Matunga Estate, Scheme No. 5	...	5,012	5,012
Total.—Works in progress ...	18,99,366	7,40,695	26,40,061
Total.—Water Works ...	4,91,10,883	7,67,308	4,98,78,191
Tansa Triplication—			
Works completed (as per Report for 1942-43)	4,99,46,291	...	4,99,46,291
II.—Water Works—Total ...	9,90,57,174	7,67,308	9,98,24,482
III.—EDUCATION—PRIMARY.			
School Buildings—			
Works completed (as per Report for 1942-43)	* 22,22,669	...	22,22,669
Works completed during the year:—			
Construction of Municipal School Buildings—			
(1) School Building at Mastan Tank	1,03,114	...	1,03,114
(2) Do. Sukhlaji Street	2,14,000	2,792	2,16,792
(3) Do. Dongri	2,33,253	...	2,33,253
(4) Do. Gopi Tank, Lady Jamshedji Road ...	10	...	10
Additions and alterations to the Bullock Hospital at Souter Street to convert it for use as a school building and other offices ...	16,120	...	16,120
III.—Education—Primary—Total ...	27,89,166	2,792	27,91,958
V.—PUBLIC HEALTH.			
Works completed (as per Report for 1942-43)	14,04,686	...	14,04,686
Works completed during the year	...	...	...
Extension of the Bhoiwada Hindu Cemetery	41,347	...	41,347
Provision of compound walls, water connections and a mourners' shed in each of the two burial grounds at Sion ...	31,471	...	31,471
Providing bathing and washing places in the City for Municipal employees	23,002	...	23,002
Works completed	15,00,506	...	15,00,506

* Inclusive of Government share of contribution of Rs. 5 lakhs.

VII.—STREET CLEANSING, CONSERVANCY, ROAD WATERING AND HALALKHORE SERVICE.			
Works completed (as per Report for 1942-43)	64,71,018	...	64,71,018
Works completed during the year—			
Construction of stables, chawls and office at Kasarwadi ...	2,01,316	...	2,01,316
Construction of a chawl for Halalkhore at Bapty Road ...	52,937	6	52,943
	67,25,271	6	67,25,277
Works in progress—			
Conversion of insanitary basket privies into water-closets by subsidising House Owners	19,23,861	Cr. 21,722	19,02,139
Construction of chawls, sanitary conveniences and improvements, etc., to camp at Chembur	1,17,626	257	1,17,883
Conversion of privies on basket system into water closets by Subsidising House Owners in the northern part of the City ...	1,94,160	1,140	1,95,300
Gunite treatment & repairs to Block B of Health Department Chawls at Palton Road	62,063	12,461	74,524
Construction of two seated urinals near play ground and Septic Tank Installation on Lakhamsey Nappoo Road	787	168	955
Construction of Public conveniences in different parts of the city.	103	...	103
Construction of incinerator for burning the Kutchara in the City.	...	367	367
Providing washing places and water closets for the purposed camps of mang garudis at Dharavi.	...	107	107
	22,98,600	Cr. 7,222	22,91,378
VII.—Street Cleansing, etc.—Total ...	90,23,871	Cr. 7,216	90,16,655
VIII.—ROADS, DRAINS AND SEWERS.			
Roads and Overbridges—			
Roads—			
Works completed (as per Report for 1942-43)	99,44,691	...	†99,44,691
	...	...	...
Works completed during the year—			
Providing 20 promenade on the west-side and widening the existing carriageway of Hornby Vellard to 60'	1,39,517	322	1,39,839
Construction of South approach of Bandra Causeway ...	61,569	21,946	83,515
Widening of Chowpatty Road	2,320	...	2,320
Construction of a 40' Road in Palton Road Scheme ...	21,219	11	21,230
	2,24,625	22,279	2,46,904
VIII—Roads, Drains & Sewers—Carried over ...	1,01,69,316	22,279	1,01,91,595

† Exclusive of Rs. 30,000 expended out of the Donation from Sir Ibrahim Rahimtoola Kt., for Combined School and Dispensary at Sandhurst Road and of Rs. 27,268-8-0 expended out of the amount received from Governor's Hospital Fund which was credited to the work of Construction of one new Ward or Small-pox unit at Arthur Road Hospital.

‡ Inclusive of Rs. 1,56,500 contributed by the Port Trust for Wadi Bunder Road.

Appendix No. 8—*continued.*

—	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Capital Expenditure up to 31st March 1944.
	Rs.	Rs.	Rs.
VIII.—ROADS, DRAINS AND SEWERS—*Contd.*			
Roads—Brought forward...	1,01,69,316	22,279	1,01,91,595
Works in progress—			
Remaking Roads in accordance with demands of heavy traffic ...	64,23,506	8,246	64,31,752
Permanent construction of existing Kutcha footpaths... ...	10,50,816	27,118	10,77,934
Extension of Ranade Road from Lady Jamshedji Road to Gokhale Road	2,16,426	4,250	2,20,676
Constructing a pucca retaining wall at the toe of Walkeshwar Road to support the Embankment	46,155	27,474	73,629
Construction of Tulsi Pipe Line Road between Dadar and Matunga.	49,119	...	49,119
Improvement of the play-ground at Mori Road	57,371	...	57,371
Widening 1st Marine Street	2,86,219	16,811	3,03,030
Constructing a road and culvert over the drainage channels to the west of Globe Mill Passage	12,004	838	12,842
Providing cement concrete carriageway along the 50' road between Tulsi Pipe Line Road and Bhawanishankar Road, including modification of S. W. drainage arrangements	32,311	...	32,311
Permanent construction of narrow by-lanes in the City ...	46,077	1,719	47,796
Renewal of surfaces of roads for which no renewal fund exists ...	62,468	...	62,468
Providing traffic amenities such as (*a*) Subways and overbridges (*b*) Traffic Islands (*c*) Pedestrian crossings	13,624	2,020	15,644
Filling in certain lowlying lands	11,474	6,979	18,453
Widening the bottleneck at Dharavi Road near the Municipal Sluice House ...	80	5,586	5,666
Construction of 40' Road betweeu Sayani Road and Khed Gully...	676	11,728	12,404
Construction of footpaths where no footpaths exist	1,496	15,247	16,743
Renewal of Surfaces of Roads taken over from Ex-Trust— Victoria Gardens Road	...	28,604	28,604
	83,09,822	1,56,620	84,66,442
Roads—Total ...	1,84,79,138	1,78,899	1,86,58,037
OVERBRIDGES—			
Works completed (as per Report for 1942-43)	51,08,316	...	51,08,316

—	Capital Expenditure upto 31st March 1943.	Expended during the year.	Total Expenditure up to 31st March 1944.
	Rs.	Rs.	Rs.
VIII—Roads Drains and Sewers Brought forward ...	3,80,75,109	5,66,752	3,86,41,861
Drains & Sewewers—Brought forward ...	3,29,39,268	28	3,29,39,296
Drains & Sewer—Works in progress...	24,77,310	20,179	24,97,489
Construction of Subsidiary and Branch Sewers in connection with the Sewerage Scheme for the Northern Part of the City ...	14,46,458	7,174	14,53,632
Completion of House drainage connections in different parts of the City	3,84,617	29,040	4,13,657
Construction of water gullies on various roads in the City ...	17,906	8,727	26,633
Renewal of old masonry storm water drains in the City ...	54,227	714	54,941
Improving sewerage facilities in Colaba area	38,401	...	38,401
Works in connection with the Scheme for the Sewerage at Wadala-Gowari, parts of Sewri, Sion and Dharavi	1,96,799	...	1,96,799
Works in connection with removal of the surcharged condition of the sewers in the City—			
(1) Construction of a sump well and supply and erection of a Pumping Station	80,297	2,504	82,801
(2) Construction of 42" and 48" high level gravitation sewers in Haines Road	1,30,954	...	1,30,954
(3) Laying 36" C. I. Rising Main	74,863	20,810	95,673
(4) Making connections from existing sewers and S.W. drains to the Sump well	11,942	380	12,322
(5) Gravitation Sewer in Arthur Road	40,342	58,897	99,239
Additional works at Dadar Purification Works—			
Erecting 3 C.I. (H_2S) Purifiers, etc., over the existing consolidation Tanks at D. P. Works	26,358	...	26,358
Providing Relief drains, etc., for preventing the flooding at Vincent Road near Poibavdi	25,871	...	25,871
Acquisition of land and construction of staff quarters at Dadar Purification Works	59,934	...	59,934
Renewing or remodelling the old subsidiary S.W. drains in the City—			
(1) Providing S.W. drain with the manhole and W.E. in portions of Cannon Road and Murzban Road	4,205	...	4,205

Works in progress—			
Widening the Bridge at Love Grove Pumping Station and improving the bed of the channel	* 3,22,592	3,381	3,25,973
Overbridges—Total ...	54,30,908	3,381	54,34,289
STREET IMPROVEMENTS—			
Street Improvements in different places—Set-backs ...	1,39,23,655	3,16,530	1,42,40,185
Adding set-backs to roads	2,22,408	67,942	2,90,350
Special Street Improvements	† 19,000	...	19,000
Street Improvements—Total ...	1,41,65,063	3,84,472	1,45,49,535
DRAINS AND SEWERS—			
Works completed (as per Report for 1942-43)	3,22,37,640	...	3,22,37,640
Acquisition of land at Tulsi Pipe line Scheme for accommodating underground works ...	5,37,254	28	5,37,282
	3,27,74,894	28	3,27,74,922
Works completed during the year—			
Providing a new sewer at Ripon Road	205	...	205
Providing S. W. drainage arrangements in view of the existing outlets on Chowpatty foreshore	174	...	174
Providing 54" and 51" Hume Pipe S. W. Drain in Tulsi Pipe Line Road from its junction with Haines Road Channel for a distance of 880' towards Fergusson Road	34,119	...	34,119
Providing a 9" Pipe Sewer in the Western footpath of Tulsi Pipe Line Road from its junction with Haines Road towards Fergusson Road for a distance of 880'	5,867	...	5,867
Providing Purification Works at Love Grove Pumping Station (Preliminary expenses)	9,152	...	9,152
Renewing the rising main of the Church Street Ejectors and providing a Gravitation Sewer in view of the existing rising main from the South of the Elphinstone Bridge Road to Carnac Road	1,00,609	...	1,00,609
Laying a 21" gravitation sewer and a rising main in connection with the proposed alteration in the Sewerage arrangement at Poibavdi Junction	14,248	...	14,248
	1,64,374	...	1,64,374
	3,29,39,268	28	3,29,39 296
Works in progress—			
Sewerage Scheme for the Northern Part of the Island including Sludge Digestion Plant	24,77,310	20,179	24,97,489
Drains & Sewers—Works in progress—Carried forward ...	24,77,310	20,179	24,97,489
Drains and Sewers Carried forward ...	3,29,39,268	28	3,29,39,296
VIII—Roads Drains and Sewers Carried forward ...	3,80,75,109	5,66,752	3,86,41,861

(2) Extension of S. W. drain along Cannon Road, Murzban Road and Bastian Road	2,746	...	2,746
(3) Providing 12" pipe drain with manholes and water gullies, etc., at T. Parashram Street between Sandhurst Road and Durgadevi Road	6,419	...	6,419
(4) Providing 12" pipe drain with manholes and water gullies at Dhabu Street between Sandhurst Road and Grant Road ...	14,864	...	14,864
(5) Providing 12" pipe drain with manholes in Packmodia Street between Guzar Street and Cooper 1st Street... ...	5,349	...	5,349
(6) S. W. Drain in Durgadevi Street	22,249	226	22,475
(7) S. W. Drain in Hope Street	12,760	...	12,760
(8) S. W. drains in Khoja Street ...	...	2,840	2,840
(9) S. W. drains in Garibdas Street ...	...	3,266	3,266
Providing under ground S.W. Drains in lieu of the existing open side drains in the City (1) D'Lima Street; (2) Matharpakhadi.	31,224	2,106	33,330
Laying a gas main for supplying Sludge Gas to the Turner Sanatorium and Ramesh Premchand T. B. Hospital	35,027	1,817	36,844
Replacing the existing 2'×6"—3'×9" ovoid Sewer by a 9" Pipe Sewer along Khetwadi Back Road between Charni Road and Khetwadi 19th Lane	14,866	*Cr.* 118	14,748
Reconstrucrion of the damaged Seawall of the Biological Installation at Banganga together with staff quarters etc. ...	1,216	70,589	71,805
Laying Sewers in certain Roads in the City where no Sewers exist..	...	2,416	2,416
	52,17,204	2,31,567	54,48,771
Drains and Sewers ...	3,81,56,472	2,31,595	3,83,88,067
VIII.—Roads, Drains and Sewers—Total...	‡7,62,31,581	7,98,347	7,70,29,928

IX.—MECHANICAL.

Works completed (as per Report for 1942-43)	30,14,494	...	30,14,494
Replacing the existing Refrigerator Plant at the A. C. Market with a new and up-to-date Plant	209	...	209
Providing additional Bay to the existing Garage at the Municipal Workshops	23,275	...	23,275
Provision for increasing the capacity of the sludge return pumps and other incidental works	11,576	...	11,576
	30,49,554	...	30,49,554
Works in progress—			
Purchase of necessary Plant and Machinery to utilise surplus sludge gas available at the Sludge Digestion Plant to run the Municipal motor lorries	95,400	23,000	1,18,400
Renewing the old air and sealed Sewage mains in the city ...	554	*Cr.* 168	386
	95,954	22,832	1,18,786
IX.—Mechanical—Total ...	31,45,508	22,832	31,68,340

* Inclusive of Rs. 91,234 received from Government on account of contribution from Provincial Share of Petrol Tax Fund for Widening the Bridge at Love Grove Pumping Station.

† This was paid out of the Road Improvement Fund.

‡ This includes Rs. 15,995-1-0 met out of Premia on Loans.

Appendix No. 8—*Continued.*

—	Capital Expenditure up to 31st March 1943.	Expenditure during the year.	Total Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
X.—BUILDINGS, LAND ACQUISITION AND MANAGEMENT.			
COMPLETED WORKS TRANSFERRED FROM—			
XII.—Building Regulations and other measures for Public Safety—(As per Report for 1942-43)	17,292	...	17,292
Golanji Hill Road (Part expenditure booked under VIII.—Roads, etc.)	7,66,975	...	7,66,975
Hornby Road to Ballard Pier Road	1,92,97,211	7,204	1,93,04,415
Dalal Street	4,01,322	...	4,01,322
Mahim Park	60,88,399	4,233	60,92,632
Mahalaxmi Overbridge	13,62,176	2,157	13,64,333
Plant and Machinery	20,673	...	20,673
	2,79,36,756	13,594	2,79,50,350
MAHIM DEVELOPMENT SCHEMES—			
Scheme I.—Construction of a proposed road from Lady Jamshedji Road to Mahim Station	4,68,526	65	4,68,591
Scheme II.—Construction of two proposed roads and a park between Nardulla Tank and Dadar Kumbharwada ...	7,78,802	3,319	7,82,121
Scheme III.—Extension of the new DeLisle Road northwards to Lady Jamshedji Road	19,07,281	3,634	19,10,915
Scheme IV.—Widening and improving Lady Jamshedji Road ...	34,33,998	12,952	34,46,950
Scheme V.—Road in continuation of Mahim Bazaar Cross Road to Tulsi Pipe Line Road	3,21,171	...	3,21,171
Scheme VI.—Proposed Road between Matunga and Dadar Station connecting Lady Jamshedji Road with Tulsi Pipe Line Road (Road marked A, B)	63,485	...	63,485
Scheme VII.—Roads to be constructed in the area south of proposed Road between Matunga and Dadar Station as per Scheme No. VI. (Roads marked B C, C D and D E)	4,64,331	21,497	4,85,828

—	Capital Expenditure up to 31st March 1943.	Expended during the year.	Total Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
XV.—SLUM SERVICE.			
Works completed (as per Anual Report for 1942-43.) ...	1,27,492	...	1,27,492
Works in progress—			
Construction of storm water channel from Haines Road to Love Grove	1,58,281	...	1,58,281
Construction of Drains and filling in storm water channel from Fergusson Road to Haines Road	2,67,876	2,591	2,70,467
Closing of open storm water channels— (I) From Worli Road to Sluices	28,861	912	29,773
Realigning, regrading and covering of 750′ of open channel drain from Dadar to Century Mills	44,227	...	44,227
Realigning and regrading open storm water channel from Dadar Pumping Plant upto Century Mill	9,921	3,654	13,575
	5,09,166	7,157	5,16,323
XV.—Slum Service—Total ...	6,36,658	7,157	6,43,815
XVI.—MEASURES FOR CIVIL DEFENCE.			
Purchase of Stores Equipment	976	79,661	80,637
DISCOUNT AND OTHER CHARGES ON THE LOANS			
Discount and other charges on the loans (as per Report for 1942-43)	4,86,690	...	4,86,690
Discount and other charges on Rs. 20 lakhs loan for 1943-44 ...	...	15,000	15,000
Discount and other charges—Total ...	† 4,86,690	15,000	5,01,690
PLANT AND MACHINERY.			
Completed Items—			
Plant and Machinery purchased (as per Report for 1942-43) ...	5,18,999	...	5,18,999

Scheme VIII.—Roads to the south and north of E. D. Sassoon Dye Works	2,76,670	...	2,76,670
Laying mains in Mahim Development Schemes	96,707	...	96,707
Diversion of water mains affected by the Mahim Development Works	3,149	...	3,149
Mahim Development Schemes—Total ...	78,14,120	41,467	78,55,587
Interest on Capital	70,10,837	...	70,10,837
X.—Buildings, Land Acquisition and Management Total ...	4,27,79,005	55,061	4,28,34,066
XI.—FIRE BRIGADE.			
Works completed (as per Report for 1942-43)	11,83,561	...	11,83,561
Works in progress—			
Construction of a Fire Brigade Station at Memonwada ...	28,084	52,352	80,436
XI.—Fire Brigade—Total ...	12,11,645	52,352	12,63,997
XIII.—GARDENS AND OPEN SPACES.			
Works completed (as per Report for 1942-43)	36,76,874	...	36,76,874
XIV.—MARKETS AND SLAUGHTER HOUSES.			
Works completed (as per Report for 1942-43)	78,86,330	...	78,86,330
Work completed during the year—			
Construction of a combined Municipal Market at Worli on plots Nos. 208, 208 and 209 in Scheme No. 52, Worli	1,82,882	Cr. 19	1,82,863
Works in progress—			
Construction of Fort Market	1,27,497	...	1,27,497
Improvements in Arthur Crawford Market ...	...	108	108
Additional works in the compound of Bandra Slaughter House ...	...	2,705	2,705
	3,10,379	2,794	3,13,173
XIV.—Markets and Slaughter Houses—Total ...	81,96,709	2,794	81,99,503

VII.—Street Cleansing and Conservancy— Purchase of ten steel wood composite wagons (1938-39) ...	28,233	Cr. 252	27,981
	5,47,232	Cr. 252	5,46,980
Works completed duringng the year—			
I.—General Supervision—			
Purchase of scales for the proposed chowkies of the Town Duty Refund Branch at Mahim, Chembur and Sion ...	4,716	...	4,716
II.—Water Works—			
Purchasing two 4 seater motor lorries	11,290	...	11,290
Purchase of one pipe cutting machine	3,225	104	3,329
Purchase of one double Diaphragm Pumping Set... ...	1,950	...	1,950
Oxy acetylene sets for cutting pipes, etc.	2,116	48	2,164
Purchase of a motor lorry	4,147	24	4,171
Plant and Machinery for Vehar Filtration Scheme ...	11,034	106	11,140
Purchase of Pumps for Vehar	4,293	...	4,293
Hydraulic Ram at Tansa	3,269	...	3,269
	46,040	282	46,322
Works in progress—			
II.—Water Works—			
One 24" electrically operated Sluice Valve at Bhandarwada Hill Reservoir	332	3,655	3,987
Providing screen to inlet Bay at Vehar and outlet well at Tansa	16,875	...	16,875
Purchase of one Portable chlorinating unit ...	...	10,590	10,590
Providing 3 level indicating and recording instrument at B.H. Reservoir ...	...	4,509	4,509
Purchase of a chlorinator with accessories No. 1 ...	...	6,600	6,600
Providing one 24" electrically operated sluice valve at B. H. Reservoir ...	...	271	271
Conversion of one pair of hydraulically operated sluice valve outside the city into hand operated ones. ...	...	4,993	4,993
Additional Pumping set for the elevated Tank at Malbar Hill Reservoir ...	...	3,473	3,473
VII.—Street Cleansing and Conservancy— 10 Steel wood composite wagons (1939-40)	29,069	3,177	32,246
Plant and Machinery Works in Progress carried forward ...	46,276	37,268	83,544
Plant and Machinery carried forward ...	5,93,272	30	5,93,302

† Out of this, a sum of Rs. 11,004—15—0 was met out of Premia on Lons.

Appendix No. 8—*concluded.*

—	Capital Expenditure upto 31st March 1943.	Expended during the Year.	Total Capital Expenditure upto 31st March 1944
			Rs.
Plant and machinery—Brought over ...	5,93,272	30	5,93,302
Plant and Machinary, Works in Progress—Brought over ...	46,276	37,268	83,544
VIII.—Roads, Drains and Sewers— Purchase of an air compressor for Electric Motor ...	4,647	...	4,647
IX.—Machanical— Taking over 9 lorries purchased for A.R.P. Measures and converting them for Municipal purposes ...	...	36,326	36,326
	50,923	73,594	1,24,517
	6,44,195	73,624	7,17,819
Assets written off	*Cr.* 1,35,501	*Cr.* 36,836	*Cr.* 1,72,337
Plant and Machinery—Total ...	5,08,694	36,788	5,45,482
TRUST FUNDS.			
Works completed (as per Report for 1942-43)	35,95,507	...	35,95,507
Work completed during the year—			
Constructing and equipping additional buildings in the compound of the Turner Sanatorium at Bhoiwada for increasing by 40 beds the accommodation for tubercular patients (Part Expenditure under Loan Fund)	50,435	...	50,435
Construction of Buildings, etc., for the Tuberculosis Hospital at Sewree (Part Expenditure under Loan Fund)	1,55,692	...	1,55,692
Construction of two seated urinal near play ground and Septic Tank installation at Lakhamsey Napoo Road ...	759	...	759
Works in Progress—			
Extension of K.E.M. Hospital (Part expenditure under Loan Fund)	4,63,498	26,410	4,89,908
	6,70,384	26,410	6,96,794
Trust Fund —Total ...	42,65,891	26,410	42,92,301

—	Capital Expenditure up to 31st March 1943.	Expended during the Year.	Total Capital Expenditure upto 31st March 1944.
			Rs.
WORN-OUT WATER MAINS RENEWAL FUND			
Works completed (as per Report for 1942-43)	9,59,005	...	9,59,005
		...	
Work in progress:—			
Enlarging the 4" main in Mangesh Shenoy Street off Hornby Road, (A Ward)	...	1,868	1,868
	...	1,868	1,868
Worn-out Water Mains Renewal Fund—Total ...	9,59,005	1,868	9,60,873
LAND AND BUILDINGS FUND			
Lands purchased and buildings erected out of the Municipal Land and Buildings Fund—			
Works completed (as per Report for 1942-43)	43,03,044	...	43,03,044

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Statement showing (1) *the total amount of Municipal Loans raised* (2) *the expenditure*

—	Amount raised.	Amounts repaid out of cash balance.	Net amount available for expenditure.	I.—General Superintendence, Collection of Revenue.	II.—Water Works.	III.—Education, Primary.	V.—Public Health.	VI.—Medical Relief and Education	VII.—Street Cleansing, Conservancy, Road Watering and Halalkhore Service.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Total of different Municipal Loans raised (as per Annual Report for 1942-43) ...	25,86,60,019 6 3	1,08,97,520 4 0	24,77,62,499 2 3						
Loan of Rs. 20 Lakhs sanctioned for 1943-44.	10,00,000 0 0	...	10,00,000 0 0						
Advance from Special Funds for purchase of Plant & Machinery	73,566 0 0	...	73,566 0 0						
Advance from Special Funds for Renewal of surfaces of Roads for which no Renewal Fund exists and of Roads taken over from Ex-Trust. ...	26,072 10 0	...	26,072 10 0						
Total Rs. ...	25,97,59,658 0 3	1,08,97,520 4 0	24,88,62,137 12 3	13,91,749 12 5	9,90,69,834 10 7	22,91,957 13 11	36,15,898 6 6	74,78,822 8 8	89,13,263 6 3
Works executed out of Special Funds and Contributions :—									
(1) Out of Contributions from—									
G.I.P. Railway for removing and relaying 32" Vehar Main, South of Kurla ...				...	3,74,000 0 0	...	...	...	...
Port Trust for Wari Bunder Road ...				...	...	...	...	...	...
Government for Construction of Primary School Buildings ...				...	...	5,00,000 0 0	...	...	...
(2) Out of Premia on Loans ...				...	2,40,000 0 0	...	...	...	...
(3) Out of Special Funds—									
Invested Fund ...				7,34,326 8 3	...	...	...	...	...
Nesbit Road Invested Fund ...				...	...	...	...	...	...
Road Improvement Fund ...				...	...	...	...	...	...
Loan Works Establishment ...				...	...	...	...	...	...
Development Fund Receipts ...				...	1,40,647 12 7	...	...	...	3,02,317 3 8
Contribution from Revenue towards Bai Jerbai Wadia Hospital for Children ...				...	...	...	...	7,00,000 0 0	...
Contribution from Government out of the Provincial Share of Petrol Tax Fund for widening the Love Grove Bridge.				...	...	...	...	...	...
				21,26,076 4 8	9,98,24,482 7 2	27,91,957 13 11	36,15,898 6 6	81,78,822 8 8	92,15,580 9 11
Deduct—									
Plague Expenditure ...				...	...	...	20,00,000 0 0	...	...
Amounts written off on account of properties not existing ...				82,305 14 10	...	...	3,912 13 0	...	1,98,924 13 0
Expenditure on account of Municipal Printing Press Machinery transferred *Vide* C. R. No. 856 of 11-12-40 ...				...	...	...	20,03,912 13 0	...	...
Total Rs. ...				20,43,770 5 10	9,98,24,482 7 2	27,91,957 13 11	16,11,985 9 6	81,78,822 8 8	90,16,655 12 11

J. K. DARUVALA,
Chief Accountant.

there against and (3) the invested balances of the Loans on 31st March 1944.

Roads, and …	IX.—Mechanical.	X.—Buildings, Land Acquisition and Management.	XI.—Fire Brigade.	XIII.—Gardens and Open Spaces.	XIV.—Markets and Slaughter Houses.	XV.—Slum Service.	XVI.—Measures for civil Defence.	Discount and other charges on Loans.	Plant and Machinery.	Total amount Expended on Works up to 31st March 1943.	Balance unexpended on 1st April 1943.
)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)
a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5 4 5	31,68,340 6 7	2,98,44,955 14 1	12,63,997 5 9	36,59,004 4 1	81,86,152 15 4	6,43,815 6 0	80,636 14 0	4,90,685 3 3	8,46,466 0 0	24,79,35,406 3 10	9,26,731 8 5
...	...	...	...	...	...	...	...	...	...		
00 0 0	...	...	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...	...		
95 1 0	...	...	...	...	53,848 11 11	...	...	11,004 15 0	...		
...	...	...	...	...	...	...	...	...	...		
44 8 0	...	...	...	...	...	...	...	...	...		
00 0 0	...	...	...	...	...	...	...	...	...		
...	...	...	...	17,869 15 8	...	...	...	...	...		
...	...	1,29,89,110 7 5	...	...	...	...	...	...	...		
...	...	...	...	...	...	...	...	...	...		
34 0 0	...	...	...	...	...	...	...	...	...		
98 13 5	31,68,340 6 7	4,28,34,066 5 6	12,63,997 5 9	36,76,874 3 9	82,40,001 11 3	6,43,815 6 0	80,636 14 0	5,01,690 2 3	8,46,466 0 0		
...	...	...	...	...	...	...	...	...	...		
69 15 0	...	...	...	...	40,499 14 11	...	...	...	1,72,337 13 0		
...	...	...	...	...	...	...	...	...	1,28,647 0 0		
28 14 5	31,68,340 6 7	4,28,34,066 5 6	12,63,997 5 9	36,76,874 3 9	81,99,501 12 4	6,43,815 6 0	80,636 14 0	5,01,690 2 3	5,45,481 3 0		

	Rs. a. p.
Total Receipts (Col. 4) ...	24,88,62,137 12 3
Total expenditure (Col. 21)	24,79,35,406 3 10
Balance ...	9,26,731 8 5

M. D. BHAT,
Municipal Commissioner.

Appendix No. 10.
SINKING FUND.

Statement showing the Actual Investments on account of the Sinking Fund of different Municipal Loans upto 31st March 1944, compared with the amounts which should have accumulated upto that date on the basis of the Fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1944.

NAME OF LOAN.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1944 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			† Rs.		Rs.
6 per cent. Municipal Loans (4 per cent. basis).						
160 Lakhs Loan for the Improvement of Water Supply in Bombay.	1,60,00,000	Between 22nd September 1924 and 31st March 1925 (First issue). Between 18th November 1924 and 31st March 1925 (Second issue).	1st December 1954 ...	2,85,280	1st December 1925 ...	79,99,308
5 and 6 per cent. Municipal Loans (3½ per cent. basis).						
147 Lakhs Tansa Water Works Loan ...	1,47,00,000	Between 5th June 1886 and 24th Dec. 1891.	(*a*) Between 1st January 1928 and 1st January 1953.	4,51,040	1st January 1893 ...	23,24,961
10 Lakhs Loan for the Conversion of S.W. Reservoir at Clerk Road into a Public Park.	10,00,000	2nd July 1920 ...	1st July 1980 ...	5,089	1st July 1921 ...	1,79,957
25 Lakhs Loan for the construction of roads, miscellaneous works including Development Works.	25,00,000	1st January 1928	1st January 1958 ...	48,428	1st January 1929 ...	10,24,476
37 Lakhs Loan (1929-30) ...	26,21,500	From 19th July 1929 to 1st August 1929.	1st August 1959 ...	50,782	1st August 1930 ...	9,18,597
31.43 Lakhs Loan for the repayment of 40 Lakhs Loan due 19th December 1929.	26,14,000	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1949 on giving three months' notice by public advertisement.	50,637	Do. ...	9,15,979
28 Lakhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929.	8,45,500	Do.	1st August 1959 or at the option of the Corporation on or after 1st August 1954 on giving three months' notice by public advertisement.	16,379	Do. ...	2,96,287
40 Lakhs Loan (1930-31) ...	40,00,000	From 20th September 1930 to 6th October 1930.	1st September 1960 or at the option of the Corporation on or after 1st September 1950 on giving 3 Months' notice by public advertisement.	77,484	1st June 1931	12,84,919
4 per cent. Municipal Loans (3½ per cent. basis.)						
25 Lakhs Loan for Sewerage, Water, etc., Works.	25,00,000	17th and 18th July 1899.	1st November 1939 ...	...	...	1,000
19¼ Lakhs Loan for Sewerage Roads and other Sanitary Works.	19,25,000	18th and 19th July 1899 and Sept. 1900.	1st June 1940 ...	...	...	3,000
24¾ Lakhs Loan for certain Sewerage and Water Works.	24,75,000	6 Lakhs between 15th June and 1st July 1901. 11 lakhs between 23rd August and 31st October 1901. 4 lakhs between 19th August and 28th October 1902 and 3¾ lakhs on 9th September 1903.	1st June 1943 ...			9,000
30 Lakhs Loan for Buildings Drainage Works, etc.	30,00,000	1st November 1920 ...	1st January 1951 ...	58,113	1st January 1922 ...	20,20,107
						89,78,283
					Carried forward ...	1,69,77,591

(*a*) Rs.	Repayable on	*Less*— Repaid—	Rs.	Balance. Rs.
2,00,000	1-1-1928.	From 1-1-1928 ...	2,00,000	...
52,91,500	1-1-1933.	" 1-1-1933 to 31-3-1940 ...	52,91,500	...
22,08,500	1-1-1943.	" 1-1-1943 to 31-3-1944 ...	22,05,500	3,000
17,00,000	1-1-1946.		...	17,00,000
10,00,000	1-1-1948.		...	10,00,000
43,00,000	1-1-1953.		...	43,00,000
Rs. 1,47,00,000			76,97,000	70,03,000

† All the Sinking Fund Instalments were re-arranged during 1906-07 on a 3½ per cent. basis as per Corporation Resolution No. 4946 of 9th February 1905 and were further re-arranged from 1st April 1928 as per Corporation Resolution No. 6114 of 12th September 1927.

Appendix No. 10—*concluded.*

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Annual Sinking Fund Instalment.	Date when Sinking Fund commenced.	Amount of Sinking Fund which should have accumulated upto 31st March 1944 at Compound Interest.
1	2	3	4	5	6	7
	Rs.			Rs.		Rs.
4 per cent. Municipal Loans (3 per cent. basis).					Brought over ...	1,69,77,591
24¾ Lakhs Loan for Sewerage Works.	24,75,000	12 lakhs on 3rd September 1905, and 12¾ lakhs on 9th September 1907.	1st August 1946 ...	32,823	1st August 1907 ...	22,15,460
Lakhs Loan for the construction of Quarters for Halalkhores and Biggaries.	13,50,000	7th August 1908 ...	1st May 1938 ...	...	...	9,000
Lakhs Loan for Street Improvements.	15,00,000	29th July 1909 ...	1st May 1949 ...	19,893	1st May 1910 ...	11,80,000
Lakhs Loan for the acquisition of sites or the construction of various Overbridges in the City.	30,00,000	29th July 1909 and 10th August 1910.	1st May 1949 ...	40,448	1st November 1910 and subsequent instalments from 1st May 1911 and 1st May 1929.	23,56,297
Lakhs Loan for reduplication of Tansa Main and other Auxiliary Works.	70,00,000	9th September 1913, 22nd July 1914 and 10th April 1915.	Rs. 49,40,000 on 1st June 1954. ,, 20,60,000 on 1st June 1974. Rs. 70,00,000	78,148	1st June 1915 ...	36,22,083
Lakhs Loan for Street Improvements.	20,00,000	9th September 1913 and 24th September 1915.	1st May 1955 ...	26,524	1st May 1916 ...	11,70,001
Lakhs Loan for Drainage Water and Miscellaneous Works.	43,00,000	1st August and 24th September 1915.	1st May 1945 ...	90,382	1st May 1916 ...	39,86,875
						1,45,39,716
3½ per cent. Municipal Loans (3 per cent. basis).						
Lakhs Loan (1935-36) ...	9,00,000	31st January 1936 ...	14th March 1966 ...	18,917	14th March 1937 ...	1,68,466
Lakhs Loan (1940-41) ...	48,00,000	Between 1st March 1941 and 15th January 1942.	1st March 1971 ...	1,00,891	1st March 1942 ...	3,12,623
Lakhs Loan (1941-42) ...	25,00,000	Between 1st September 1942 and 15th February 1943.	1st March 1972 ...	52,548	1st March 1943 ...	1,06,938
						5,88,027
3 per cent. Municipal Loans (3 per cent. basis).						
¼ Lakhs Loan (1936-37) ...	18,50,000	1st November 1936 ...	1st February 1967 ...	51,498	1st February 1938 ...	3,96,571
	6,00,000	1st June 1937 ...				
Lakhs Loan (1937-38) ...	30,00,000	1st April 1938 ...	14th March 1968 ...	63,058	14th March 1939 ...	4,08,487
Lakhs Loan (1938-39) ...	30,00,000	Between 16th January 1939 and 1st June 1939.	1st March 1969 ...	63,058	1st March 1940 ...	3,35,617
Lakhs Loan (1939-40) ...	64,00,000	Between 1st December 1939 and 1st September 1940.	1st March 1970 ...	1,34,523	1st March 1941 ...	5,64,200
						17,04,875
					Total Rs. ...	3,38,10,209

	Amount actually invested upto 31st March 1944.				Amount of Interest accrued upto 31st March 1944 collected and invested in 1944-45.	Total of Columns 5 and 6
	Amount of Sinking Fund invested upto 31st March 1943.	Sinking Fund Instalments paid in 1943-44.	Interest, etc., accumulations invested in 1943-44.	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
inking Funds	3,26,11,055 11 6	18,45,372 0 0	13,42,082 4 0	3,57,98,509 15 6		
educt—Withdrawn for repayment of Loans ...				† 25,14,677 1 0		
Total Sinking Funds ...				3,32,83,832 14 6		
n Public Securities as detailed in Appendix No. 16-A ...				3,32,83,587 6 8		
n Cash with the Imperial Bank of India.				245 7 10		
Total ...				‡ 3,32,83,832 14 6	3,34,089 8 9	3,36,17,922 7 3

† The amount met from the Net Premia Fund on account of repayment of Loans representing the difference between the market value and book value of the ecurities withdrawn from the Sinking Fund is Rs. 5,322-15-0.

‡ The market value of the securities on 31st March 1944 is Rs. 3,56,22,087-10-8 as shown in Appendix No. 16-A and after adding the cash balance of Rs. 245-7-10 nd the interest accrued on the securities upto 31st March 1944 amounting to Rs. 3,34,089-8-9 the total amount of Sinking Fund is Rs. 3,59,56,422-11-3.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix

Statement showing Outstanding Loans due by the Municipality, the interest outstanding on 1st
Imperial Bank of India, and in Office during that year

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1943.	Amount raised in 1943-44	Total.	Amount re-paid in 1943-44
1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Loans raised from Government.					
1	Vehar Water Works Debt ...	4 per cent	9,18,478 8 9		A 9,18,478 8 9	78,562 8 0
2	Conversion Loan for the repayment of Rs. 125 Lakhs taken from Government out of the 6½ per cent. Bombay Development Loan ...	3¼ per cent.	48,97,662 2 0		B 48,97,662 2 0	5,45,907 0 0
3	2nd Instalment out of the Loan of Rs. 1½ crores for Water Works Roads, Drainage and Sewerage, &c.	5½ per cent. (inclusive of Income-tax).	25,24,109 3 0		C 25,24,109 3 0	1,96,041 0 0
		4¾ per cent.	12,05,726 4 0		C 12,05,726 4 0	96,986 0 0
4	140 Lakhs Loan for General Supervision, Fire Brigade, &c., purposes	5½ per cent.	59,34,999 4 0		C 59,34,999 4 0	4,60,958 1 0
		5¼ per cent.	13,57,196 4 0		C 13,57,196 4 0	94,291 3 0
5	65 Lakhs Loan for Tansa Triplication Scheme ...	5¼ per cent.	35,17,794 6 0		C 35,17,794 6 0	2,44,396 13 0
6	2½ Crores Loan for Water Works, General Supervision and Development, &c., purposes	5¼ per cent.	58,59,005 9 0		C 58,59,005 9 0	4,07,052 3 0
		5¼ per cent.	68,87,389 9 0		D 68,87,389 9 0	4,78,499 0 0
7	2 Crores Loan for major Development Works	5 per cent.	73,42,497 8 0		C 73,42,497 8 0	4,61,296 2 0
		5 per cent.	13,39,908 3 0		D 13,39,908 3 0	84,180 10 0
		5¼ per cent.	31,17,846 0 0		C 31,17,846 0 0	1,73,239 1 0
8	150 Lakhs Loan (1925-26)	5¼ per cent.	24,94,278 2 0		C 24,94,278 2 0	1,38,592 7 0
		5 per cent.	19,31,769 8 0		C 19,31,769 8 0	98,565 9 0
		5 per cent.	25,75,677 0 0		C 25,75,677 0 0	1,31,422 2 0
		3¾ per cent	26,07,392 8 0		C 26,07,392 8 0	1,32,652 13 0
	Total Loans raised from Government Rs.		5,45,11,729 14 9		5,45,11,729 14 9	38,22,642 8 0
	Loans raised from the Public.					
1	The Tansa Water Works Loan (Rs. 147 Lakhs) ...	5 per cent.	70,52,000 0 0		70,52,000 0 0	(a) 49,000 0 0
2	The 13½ Lakhs Loan for the construction of quarters for Halalkhores and Bigaries ...	4 per cent.	10,000 0 0		10,000 0 0	(a) 1,000 0 0
3	25 Lakhs Loan for Sewerage, Water and other Sanitary Works ...	4 per cent.	1,000 0 0		1,000 0 0	(a)
4	19¼ Lakhs Loan for Sewerage, Roads and other Sanitary Works ...	4 per cent.	7,000 0 0		7,000 0 0	(a) 4,000 0 0
5	24¾ Lakhs Loan for certain Sewerage and Water Works ...	4 per cent.	24,75,000 0 0		24,75,000 0 0	(a) 24,66,000 0 0
6	The 2nd 24¾ Lakhs Loan for certain Sewerage Works	4 per cent.	24,75,000 0 0		24,75,000 0 0	(a)
7	The 15 Lakhs Loan for Street Improvements ...	4 per cent.	15,00,000 0 0		15,00,000 0 0	(a)
8	The 30 Lakhs Loan for the Acquisition of Sites for the Construction of Overbridges...	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
9	The 70 Lakhs Loan for re-duplication of Tansa Main and other Auxiliary Works ...	4 per cent.	70,00,000 0 0		70,00,000 0 0	(a)
10	The 20 Lakhs Loan for Street Improvements ...	4 per cent.	20,00,000 0 0		20,00,000 0 0	(a)
11	The 43 Lakhs Loan for Drainage Water, Roads and Miscellaneous Works ...	4 per cent.	43,00,000 0 0		43,00,000 0 0	(a)
12	The 10 Lakhs Loan for the Conversion of the Storm Water Reservoir at Clerk Road into a Public Park ...	5 per cent.	10,00,000 0 0		10,00,000 0 0	(a)
13	The 30 Lakhs Loan for the construction of Building and Drainage Works and the Acquisition of Land for different purposes	4 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
14	160 Lakhs Loan for the Improvement of the Water Supply in Bombay (First Issue).	6 per cent.	67,77,000 0 0		67,77,000 0 0	(a)
	Carried over Rs. ...		4,05,97,000 0 0	-	4,05,97,000 0 0	25,20,000 0 0
	Carried over Rs. ...		5,45,11,729 14 9		5,45,11,729 14 9	38,22,642 8 0

A—The loan is payable in monthly instalments of Rs. 9,498 (Principal and Interest) out of Revenue. No Sinking Fund has been created for this loan.

B—This loan is repayable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 15 years. No Sinking Fund has been created for this loan.

C—These loans are payable out of revenue in annual equal instalments including principal and interest based on the amortisation of the loans within a period of 30 years. No Sinking Fund has been created for these loans.

D—These loans are raised for development purposes. The programmes of repayment have been approved under Corporation Resolutions Nos. 5253 September 1928 and 81 of 3rd May 1934.

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has been … as shown in detail in Appendix No. 10.

ɒ 11.

ɔril 1943 on the different Loans, the amount payable for the year 1943-44 the amount paid by the
d the balances outstanding on 31st March 1944.

ılance due on March 1944.	Interest outstanding on 1st April 1943.	Interest payable in 1943-44	Total interest due	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding balance on 31st March 1944
8	9	10	11	12	13.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
8,39,916 0 9	...	35,413 8 0	35,413 8 0	35,413 8 0	...
8,51,755 2 0	...	1,59,174 0 0	1,59,174 0 0	1,59,174 0 0	...
3,28,068 3 0	...	1,38,826 0 0	1,38,826 0 0	1,38,826 0 0	...
1,08,740 4 0	...	57,272 0 0	57,272 0 0	57,272 0 0	...
4,74,041 3 0	...	3,26,424 15 0	3,26,424 15 0	3,26,424 15 0	...
12,62,905 1 0	...	71,252 13 0	71,252 13 0	71,252 13 0	...
32,73,397 9 0	...	1,84,684 3 0	1,84,684 3 0	1,84,684 3 0	...
54,51 953 6 0	...	3,07,597 13 0	3,07,597 13 0	3,07,597 13 0	...
64,08,890 9 0	...	3,61,588 0 0	3,61,588 0 0	3,61,588 0 0	...
68,81,201 6 0	...	3,67,124 14 0	3,67,124 14 0	3,67,124 14 0	...
12,55,727 9 0	...	66,995 6 0	66,995 6 0	66,995 6 0	...
29,44,606 15 0	...	1,63,686 15 0	163,,686 15 0	1,63,686 15 0	...
23,55,685 11 0	...	1,30,949 9 0	1,30,949 9 0	1,30,949 9 0	...
18,33,203 15 0	...	96,588 7 0	96,588 7 0	96,588 7 0	...
24,44,254 14 0	...	1,28,783 14 0	1,28,783 14 0	1,28,783 14 0	...
24,74,739 11 0	...	97,777 3 0	97,777 3 0	97,777 3 0	...
06,89,087 6 9	...	26,94,139 8 0	26,94,139 8 0	26,94,139 8 0	...
70,03,000 0 0	11,837 6 0	3,50,000 0 0	3,61,837 6 0	3,51,082 6 0	10,755 0 0
9,000 0 0	1,782 14 0	...	1,782 14 0	80 0 0	1,702 14 0
1,000 0 0	1,010 12 0	...	1,010 12 0	...	1,010 12 0
3,000 0 0	1,670 10 4	...	1,670 10 4	160 0 0	1,510 10 4
9,000 0 0	6,588 13 8	16,500 0 0	23,088 13 8	20,992 14 0	2,095 15 8
24,75,000 0 0	1,218 7 0	99,000 0 0	1,00,218 7 0	99,348 7 0	870 0 0
15,00,000 0 0	4,097 3 0	60,000 0 0	64,097 3 0	58,500 0 0	5,597 3 0
30,00,000 0 0	26,012 1 0	1,20,000 0 0	1,46,012 1 0	1,23,656 0 0	22,356 1 0
70,00,000 0 0	6,740 12 2	2,80,000 0 0	2,86,740 12 2	2,78,979 5 0	7,761 7 2
20,00,000 0 0	1,245 12 0	80,000 0 0	81,245 12 0	80,397 10 0	848 2 0
43,00,000 0 0	...	1,72,000 0 0	1,72,000 0 0	1,72,000 0 0	...
10,00,000 0 0	...	50,000 0 0	50,000 0 0	50,000 0 0	...
30,00,000 0 0	...	1,20,000 0 0	1,20,000 0 0	1,20,000 0 0	...
67,77,000 0 0	43,213 12 0	4,06,620 0 0	4,49,833 12 0	4,06,384 8 0	43,449 4 0
,80,77,000 0 0	1,05,418 7 2	17,54,120 0 0	18,59,538 7 2	17,61,581 2 0	97,957 5 2
,06,89,087 6 9	...	26,94,139 8 0	26,94,139 8 0	26,94,139 8 0	...

E.—Debentures in respect of these loans have remained unpaid owing to their not having been surrendered for repayment upto 31st March 1944. The Debentures do not carry interest from and after the due dates and will be paid when surrendered for repayment by the holders out of the Sinking Fund Investments.

No.	Particulars of Loans.	Rate of Interest.	Balance due on 1st April 1943.	Amount raised in 1943-44.	Total.	Amount re-paid in 1943-44.
1	2	3	4	5	6	7
			Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a.
	Brought forward ...		5,45,11,729 14 9		5,45,11,729 14 9	38,22,642 8
	Brought forward ...		4,05,97,000 0 0		4,05,97,000 0 0	25,20,000 0
	Loans raised from the Public—*contd.*					
15	160 Lakhs Loan for the Improvement of the Water Supply in Bombay (Second Issue).	6 per cent.	92,23,000 0 0		92,23,000 0 0	(a)
16	Rs. 25 Lakhs Loan (1927-28) ...	5 per cent.	25,00,000 0 0		25,00,000 0 0	(a)
17	Rs. 37 Lakhs Loan (1929-30) ...	5 per cent.	26,21,500 0 0		26,21,500 0 0	(a)
18	Rs. 31.43 Lakhs Loan for the repayment of Rs. 40 Lakhs Loan due 19th December 1929 ...	5 per cent.	26,14,000 0 0		26,14,000 0 0	(a)
19	Rs. 28 akhs Loan for the repayment of Rs. 39,94,000 out of 6 per cent. 50 Lakhs Loan due 1st August 1929 ...	5 per cent.	8,45,500 0 0		8,45,500 0 0	(a)
20	Rs. 40 Lakhs Loan (1950-60) ...	6 per cent.	40,00,000 0 0		40,00,000 0 0	(a)
21	Rs. 9 Lakhs Loan (1935-36) ...	3½ per cent.	9,00,000 0 0		9,00,000 0 0	(a)
22	Rs. 24½ Lakhs Loan (1936-37)	3 per cent.	24,50,000 0 0		24,50,000 0 0	(a)
23	Rs. 30 Lakhs Loan (1937-38) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
24	Rs. 30 Lakhs Loan (1938-39) ...	3 per cent.	30,00,000 0 0		30,00,000 0 0	(a)
25	Rs. 64 Lakhs Loan (1939-40) ...	3 per cent.	64,00,000 0 0		64,00,000 0 0	(a)
26	Rs. 48 Lakhs Loan (1940-41)	3½ per cent.	48,00,000 0 0		48,00,000 0 0	(a)
27	Rs. 25 Lakhs Loan (1941-42) ...	3½ per cent.	25,00,000 0 0		25,00,000 0 0	(a)
28	Rs. 20 Lakhs Loan (1943-44) ...	3½ per cent.	...	10,00,000 0 0	10,00,000 0 0	(a)
	Total Loans raised from the public ...		8,54,51,000 0 0	10,00,000 0 0	8,64,51,000 0 0	25,20,000 0
	Advances from Special Funds for Capital Works.					
1	Rs. 8½ lakhs Advance from Plant and Machinery Depreciation Fund (1931-32)	5 per cent.	6,46,769 7 0		6,46,769 7 0	21,178 9
	Rs. 13 lakhs Advance from Special Fund (1932-33)					
2	Rs. 8 lakhs from Renewal of Road Surfaces Fund ...	4½ per cent.	6,28,805 0 0		6,28,805 0 0	20,043 12
3	Rs. 1½ lakhs from Plant and Machinery Depreciation Fund ...	4½ per cent.	1,17,897 8 0		1,17,897 8 0	3,758 10
4	Rs. 3½ lakhs from Plant and Machinery Depreciation Fund ...	4½ per cent.	2,88,028 4 0		2,88,028 4 0	8,525 12
	Rs. 11 lakhs Advance from Special Funds (1933-34).					
5	Rs. 5 lakhs form Municipal Fire and Accident Insurance Fund ...	4 per cent.	4,05,654 5 0		4,05,654 5 0	12,688 13
6	Rs. 3 lakhs from Renewal of Surfaces Fund	4 per cent.	2,50,713 2 0		2,50,713 2 0	7,320 8
7	Advance from Net Premia fund for repayment of an advance from Fines Fund ...	4 per cent.	2,43,392 10 0		2,43,392 10 0	7,613 4
	Rs. 8.69 lakhs Advance form Special Funds					
8	Rs. 5 lakhs from Net Premia Fund ...	4 per cent.	4,17,855 2 0		4,17,855 2 0	12,200 13
9	Rs. 3.69 lakhs from Net Premia Fund ...	4 per cent.	3,17,037 2 0		3,17,037 2 0	8,657 8
	Advances from Land Sales Reserve Fund					
10	Rs. 18.75 lakhs (1937-38) ...	3 per cent.	18,75,000 0 0		18,75,000 0 0	...
11	Rs. 3.50 lakhs (1938-39) ...	3 per cent.	3,50,000 0 0		3,50,000 0 0	...
	Advances for purchase of Plant and Machinery from Net Premia Fund—		55,41,152 8 0		55,41,152 8 0	1,01,987 9
12	Advance of Rs. 83,000 taken in 1936-37 ...	3 per cent.	56,363 2 0		56,363 2 0	4,917 2
13	Advance of Rs. 1,91,500 taken in 1937-38...	3 per cent.	1,15,364 11 0		1,15,364 11 0	10,063 1
14	Advance of Rs. 2,16,600 taken in 1938-39...	3 per cent.	1,33,239 11 0		1,33,239 11 0	8,530 13
15	Advance of Rs. 1,71,400 taken in 1939-40...	3 per cent.	1,00,582 4 0		1,00,582 4 0	6,440 9
16	Advance of Rs. 40,100 taken in 1940-41 ...	3 per cent.	34,886 15 0		34,886 15 0	2,724 6
17	Advance of Rs. 43,200 taken in 1941-42 ...	3 per cent.	41,215 0 0		41,215 0 0	2,044 9
18	Advance of Rs. 27,100 taken in 1942-43 ...	3 per cent.	27,100 0 0		27,100 0 0	2,116 0
19	Advance of Rs. 73,566 taken in 1943-44 ...	3 per cent.	...	73,566 0 0	73,566 0 0	...
	Total ...		5,08,751 11 0	73,566 0 0	5,82,317 11 0	36,836 8
	Advance form Net Premia Fund for meeting expenditure on Renewal of Road Surface for which no provision exists in the Renewal of Road Surface Fund—					
20	Advance of Rs. 31,200 taken in 1940-41 ...	3 per cent.	27,793 11 0		27,793 11 0	1,780 3
21	Advance of Rs. 33,800 taken in 1941-42 ...	3 per cent.	31,983 0 0		31,983 0 0	1,871 8
22	Advance of Rs. 26,072-10-0 taken 1943-44	3 per cent.	...	26,072 10 0	26,072 10 0	...
	Total ...		59,776 11 0	26,072 10 0	85,849 5 0	3,651 11
	Total Advances from Special Funds ...		61,09,680 14 0	99.638 10 0	62,09,319 8 0	1,42,475 12
	Grand Total ...		14,60,72,410 12 9	10,99,638 10 0	14,71,72,049 6 9	64,85,118 4

(a) As under the terms of these loans the bonds cannot be repaid to the holders before the dates stipulated in the debentures, the Sinking Fund has be[en] invested as shown in detail in Appendix No. 10.

J. K. DARUVALA,

Chief Accountant.

No. 11—*concluded.*

Balance due on 31st March 1944.	Interest outstanding on 1st April 1943	Interest payable in 1943-44	Total Interest due.	Deduct—Interest paid by the Imperial Bank of India and in Office.	Outstanding Balance on 31st March 1944
8	9	10	11	12	13
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,06,89,087 6 9	...	26,94,139 8 0	26,94,139 8 0	26,94,139 8 0	...
3,80,77,000 0 0	1,05,418 7 2	17,54,120 0 0	18,59,538 7 2	17,61,581 2 0	97,957 5 2
92,23,000 0 0	21,982 14 0	5,53,380 0 0	5,75,362 14 0	5,46,411 5 0	28,951 9 0
25,00,000 0 0	...	1,25,000 0 0	1,25,000 0 0	1,25,000 0 0	...
26,21,500 0 0	4,397 1 0	1,31,075 0 0	1,35,472 1 0	1,26,010 15 0	9,461 2 0
26,14,000 0 0	10,552 3 0	1,30,700 0 0	1,41,252 3 0	1,23,203 12 0	18,048 7 0
8,45,500 0 0	2,278 7 0	42,275 0 0	44,553 7 0	41,373 6 0	3,180 1 0
40,00,000 0 0	20,408 0 0	2,40,000 0 0	2,60,408 0 0	2,33,393 3 0	27,014 13 0
9,00,000 0 0	31,500 0 0	31,500 0 0	63,000 0 0	47,250 0 0	15,750 0 0
24,50,000 0 0	...	73,500 0 0	73,500 0 0	73,500 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
30,00,000 0 0	...	90,000 0 0	90,000 0 0	90,000 0 0	...
64,00,000 0 0	...	1,92,000 0 0	1,92,000 0 0	1,92,000 0 0	...
48,00,000 0 0	...	1,68,000 0 0	1,68,000 0 0	1,68,000 0 0	...
25,00,000 0 0	...	87,500 0 0	87,500 0 0	87,500 0 0	...
10,00,000 0 0	...	38,500 0 0	38,500 0 0	...	*38,500 0 0
8,39,31,000 0 0	1,96,537 0 2	37,47,550 0 0	39,44,087 0 2	37,05,223 11 0	2,00,363 5 2 *38,500 0 0
6,25,590 14 0	...	32,338 7 0	32,338 7 0	32,338 7 0	...
6,08,761 4 0	...	28,296 4 0	28,296 4 0	28,296 4 0	...
1,14,138 14 0	...	5,305 6 0	5,305 6 0	5,305 6 0	...
2,79,502 8 0	...	12,961 4 0	12,961 4 0	12,961 4 0	...
3,92,965 8 0	...	16,226 3 0	16,226 3 0	16,226 3 0	...
2,43,392 10 0	...	10,028 8 0	10,028 8 0	10,028 8 0	...
2,35,779 6 0	...	9,735 12 0	9,735 12 0	9,735 12 0	...
4,05,654 5 0	...	16,714 3 0	16,714 3 0	16,714 3 0	...
3,08,379 10 0	...	12,681 8 0	12,681 8 0	12,681 8 0	...
18,75,000 0 0	...	56,250 0 0	56,250 0 0	56,250 0 0	...
3,50,000 0 0	...	10,500 0 0	10,500 0 0	10,500 0 0	...
54,39,164 15 0	...	2,11,037 7 0	2,11,037 7 0	2,11,037 7 0	...
51,446 0 0	...	1,690 14 0	1,690 14 0	1,690 14 0	...
1,05,301 10 0	...	3,460 15 0	3,460 15 0	3,460 15 0	...
1,24,708 14 0	...	3,997 3 0	3,997 3 0	3,997 3 0	...
94,141 11 0	...	3,017 7 0	3,017 7 0	3,017 7 0	...
32,162 9 0	...	1,046 10 0	1,046 10 0	1,046 10 0	...
39,170 7 0	...	1,236 7 0	1,236 7 0	1,236 7 0	...
24,984 0 0	...	7,199 13 0	7,199 13 0	813 0 0	*6,386 13 0
73,566 0 0	...	...	...	...	...
5,45,481 3 0	...	21,649 5 0	21,649 5 0	15,262 8 0	*6,386 13 0
26,013 8 0	...	833 13 0	833 13 0	833 13 0	...
30,111 8 0	...	959 8 0	959 8 0	959 8 0	...
26,072 10 0	...	...	...	...	...
82,197 10 0	...	1,793 5 0	1,793 5 0	1,793 5 0	...
60,66,843 12 0	...	2,34,480 1 0	2,34,480 1 0	2,28,093 4 0	*6,386 13 0
14,06,86,931 2 9	1,96,537 0 2	66,76,169 9 0	68,72,706 9 2	66,27,456 7 0	2,00,363 5 2 44,886 13 0

* To be treated as savings.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 12.

WATER WORKS ACCOUNT.

Revenue Account for the year ended 31st March 1944.

INCOME.	Rs.	EXPENDITURE.	Rs.
Water Tax and other Miscellaneous Water Works Revenue—*Vide* details in Appendix—No. 3) ...	1,01,29,352	General Superintendence (⅛th proportion of) ...	1,08,561
		Assessment and collection Charges (3/10th proportion of) ...	1,94,008
		Provident Fund, Pension, etc., charges ...	1,10,303
*This includes Rs. 58,83,897. being the amount of Water Tax by measurement, realised during 1943-44 as shown in the following statement:—		Maintenance of Water Works (*vide* Appendix No. 4) ...	11,89,078
		New Works (*vide* Appendix No. 4) ...	19,339
			16,21,289
		Surplus carried down ...	85,08,063
Total Rs. ...	1,01,29,352	Total Rs. ...	1,01,29,352

Net Revenue Account for the year ended 31st March 1944.

	Rs.		Rs.
Surplus brought down ...	85,08,063	Interest on Water Works Loans (Debt) ...	
		Due to Government—	
		Vehar Debt ...	35,414
		75 Lakhs out of 1½ Crores Loan ...	1,41,009
		65 Lakhs Loan for Tansa Triplication Scheme ...	1,84,684
		2 Crores Loan for Major Development Works ...	3,21,436
		2½ Crores Loan for General Supervision, Water Works, etc. ...	4,461
		150 Lakhs Loan 1925-26 ...	3,55,205
		82.67 Lakhs Conversion Loan ...	76,152
			11,18,361
		Due to the Public—	
		147 Lakhs Tansa Water Works Loan ...	3,51,082
		25 Lakhs Sewerage, etc., Works Loan ...	1,253
		24¾ Lakhs Sewerage and Water Works Loan ...	5,140
		70 Lakhs for Reduplication of the Tansa Main and other Auxiliary Works...	2,78,610
		43 Lakhs for Drainage, Water, Roads and Miscellaneous Works ...	5,093
		160 Lakhs for Improvement of water supply in Bombay ...	9,52,796
		31.43 Lakhs Loan ...	30,801
		37 Lakhs Loan ...	1,989
		40 Lakhs Loan ...	7,716
		24½ Lakhs Loan (1936-37) ...	16,258
		9 Lakhs Loan ...	7,378
		30 Lakhs Loan (1937-38) ...	26,045
		30 Lakhs Loan (1938-39) ...	27,819
		64 Lakhs Loan (1939-40) ...	22,408
		48 Lakhs Loan (1940-41) ...	24,189
		25 Lakhs Loan (1941-42) ...	35,212
			17,93,789
		Advances from Special Funds—	
		Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund ...	337
		Rs. 3 Lakhs advance from Renewal of Road Surface Fund ...	1,035
		Rs. 3,69 Lakhs advance from Net Premia Fund ...	1,216
		Rs. 83,000 advance from Net Premia Fund ...	677
		Rs. 2,16,600 from Net Premia Fund ...	555
		Rs. 1,71,400 Do. do. ...	329
		Rs. 40,100 Do. do. ...	437
		Rs. 43,200 Do. do. ...	187
		Rs. 27,100 Do. do. ...	782
			5,555
			29,17,705
		Commission to the Imperial Bank of India for payment of Interest on the Water Works portion of the different Loans ...	6,427
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	4,242
			10,669
		Reduction of debt or investment of Sinking Fund of the following Water Works Loans:—	
		Vehar Debt ...	78,563
		Tansa Water Works Loan of Rs. 147 Lakhs ...	4,51,040
Carried forward ...	85,08,063	Carried forward ...	5,29,603
		Carried forward ...	29,28,374

Appendix No. 12—*concluded.*

WATER WORKS ACCOUNT.

Net Revenue Account for the year ended 31st March 1944—concluded.

INCOME—*Concld.*	Rs.	EXPENDITURE—*concld.*	Rs.
		Brought forward ...	29,28,374
Brought forward Rs....	85,08,060	Brought forward Rs. ...	5,29,603
		24¾ Lakhs Loan	7,206
		70 Lakhs Loan for Reduplication of the Tansa Main and other Auxiliary Works	78,045
		43 Lakhs Loan for Drainage, Water, Roads and Miscellaneous Works ...	2,676
		1½ Crores Loan for Drainage, Water, etc., Works (2nd instalment) ...	2,10,710
		65 Lakhs Loan for Tansa Triplication Scheme	2,44,397
		2 Crores Loan for Major Development Works	3 71 452
		160 Lakhs Loan for improvement of the water supply in Bombay	2,85,280
		2½ Crores Loan for General Supervision, Water Works, etc., purposes ...	5,903
		150 Lakhs Loan 1925-26	3,67,440
		25 Lakhs Loan 1927-28	485
		31.43 Lakhs Loan	12,659
		37 Lakhs Loan	800
		40 Lakhs Loan	2,562
		82.67 Lakhs Conversion Loan	2,61,171
		24½ Lakhs Loan (1936-37)	11,392
		9 Lakhs Loan	2,954
		30 Lakhs Loan (1937-38)	18,248
		30 Lakhs Loan (1938-39)	19,492
		64 Lakhs Loan (1939-40)	15,702
		48 Lakhs Loan of (1940-41)	14,526
		25 Lakhs Loan of (1941-42)	21,145
		8½ Lakhs advance from Plant and Machinery Depreciation Fund	221
		3 Lakhs advance from Renewal of Road Surfaces Fund	756
		3.69 Lakhs advance from Net Premia Fund	829
		83,000 Advance from Net Premia Fund	1,967
		2,16,600 Advance from Net Premia Fund	1,183
		1,71,400 ,, ,, ,, ...	701
		40,100 ,, ,, ,, ...	1,139
		43,200 ,, ,, ,, ...	309
		27,100 ,, ,, ,, ...	2,037
			24,92,990
		Total Debt Charges	54,21,364
		Surplus— Excess of Income over Expenditure	30,86,699
Total Rs. ...	85,08,063	Total Rs. ...	85,08,063

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 12A.

WATER WORKS ACCOUNT.

Schedule of Liabilities and Assets at 31st March 1944.

LIABILITIES.		Rs.
I.—DEBT PRINCIPAL—		
Due to Government—		
Vehar Debt		8,39,916
82.67 Lakhs Conversion Loan		20,81,977
75 Lakhs out of 1½ Crores Loan		24,71,323
2½ Crores Loan		79,067
65 Lakhs Loan for Tansa Triplication Scheme		32,73,397
2 Crores Loan for Major Development Works		59,01,379
150 Lakhs Loan (1925-26)		66,11,946
Total ...		2,12,59,005
Due to the Public—		
Tansa Water Works Loan of 147 Lakhs		70,03,000
Water Works portion of 13½ Lakhs Loan		5
Water Works portion of the 25 Lakhs Loan for Sewerage, Roads and other Works		93
Water Works portion of the 24¾ Lakhs Loan for certain Sewerage and Water Works		2,204
70 Lakhs Loan for the Reduplication of the Tansa Main and other Auxiliary Works		69,90,737
Water Works portion of 43 Lakhs Loan for Miscellaneous Works ...		1,27,313
160 Lakhs Loan for the improvement of the water-supply in Bombay ...		1,60,00,000
Water Works portion of the 25 Lakhs Loan (1927-28)		25,060
Water Works portion of 31-43 Lakhs Loan		6,53,500
Water Works portion of 37 Lakhs Loan		38,620
Water Works portion of 40 Lakhs Loan (1928-29)		1,32,250
Water Works portion of Rs. 9 Lakhs Loan		1,40,534
Water Works portion of 24½ Lakhs Loan (1936-37)		5,36,517
Water Works portion of 30 Lakhs Loan (1937-38)		8,59,545
Water Works portion of 30 Lakhs Loan (1938-39)		9,18,028
Water Works portion of 64 Lakhs Loan 1939-40)		7,39,529
Water Works portion of 48 Lakhs Loan (1940-41)		6,84,174
Water Works portion of 25 Lakhs Loan of (1941-42)		9,95,916
Water Works portion of 20 Lakhs Loan of (1948-44)		6,15,926
		3,64,62,951
Advances from Special Funds—		
Rs. 8½ Lakhs Advance from Plant and Machinery Depreciation Fund ...		6,518
Rs. 3 Lakhs Advance from Renewal of Road Surfaces Fund ...		25,129
Rs. 3.69 Lakhs Advance from Net Premia Fund		29,566
		61,213
Rs. 83,000 Advance from Net Premia Fund for purchase of Plant and Machinery		20,585
Rs. 2,16,600 Advance from Net Premia Fund for purchase of Plant and Machinery		17,314
Rs. 1,71,400 Advance from Net Premia Fund for purchase of Plant and Machinery		10,249
Rs. 40,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1940-41		13,438
Rs. 43,200 Advance from Net Premia Fund for purchase of Plant and Machinery in 1941-42...		5,926
Rs. 27,100 Advance from Net Premia Fund for purchase of Plant and Machinery in 1942-43		24,045
Rs. 73,566 Advance from Net Premia Fund for purchase of Plant and Machinery in 1943-44		34,373
		1,25,930
II.—SINKING FUNDS ON MUNICIPAL LOANS (invested as per contra) ...		1,46,34,174
III.—SPECIAL FUNDS—		
Worn-out Water Mains Renewal Fund (invested as per contra) ...		3,277
Net Premia Fund (invested as per contra)		20,79,675
IV.—CAPITAL ACCOUNT—		
General Reserve being Assest in excess of Liabilities	4,30,21,842	
Less—Assets Written off	19,657	
		4,30,02,185
Total ...		11,76,28,410

ASSESTS.		Rs.
I.—PROPERTIES—		
Water Works executed out of Loan, Surplus and Reserve Funds (*vide* Appendix No. 8)		
Out of Loan Reserve Funds—		
Ordinary Works		4,98,78,191
Tansa Completion Works ...		4,99,46,291
Works executed out of Worn-out Water Mains Renewal Fund		9,60,872
Plant and Machinery	1,45,587	
Less—Written off ...	19,657	
		1,25,930
II.—INVESTMENTS—		
1. Imperial Bank of India—Municipal Loans Sinking Fund Deposit Account —(Water Works portion) ...		1,46,34,174
2. Imperial Bank of India—Worn-out Water Mains Renewal Fund Deposit Account (*vide* Appendix No. 6) ...		3,277
3. Imperial Bank of India—Net Premia on different Municipal Loans Deposit Account (*vide* note* to Appendix No. 6)		20,79,675
Total ...		11,76,28,410

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 13.

MARKETS AND SLAUGHTER HOUSES ACCOUNT.

Revenue Account for the year ended 31st March 1944.

INCOME.	Rs.	EXPENDITURE.	Rs.
Income for the year—*vide* details in Appendix No. 3	17,76,284	General Superintendence (2½ per cent. proportion of)	21,576
		Provident Fund and Pension, etc., charges	25,369
		Maintenance Charges of Markets and Slaughter Houses (*vide* Appendix No. 4)- Amount shown under IX.—Mechanical, D.—Transport, (11) Markets and Slaughter Houses, and E.—Refrigerator	1,59,156
		Amount shown under XIV.—Markets and Slaughter Houses ...	5,07,785
		New Works (*vide* Appendix No. 4)	5,988
		Surplus carried down ...	10,56,410
	17,76,284	Total Rs. ...	17,76,284

Net Revenue Account for the year ended 31st March 1944.

	Rs.		Rs.
		Interest on Loans.	
		Due to Government—	
Surplus brought down ...	10,56,410	Rs. 1½ Crores Loan	2,170
		Rs. 140 Lakhs Loan	23,048
		Rs. 2 Crores Loan	27,318
		Rs. 82,67 Lakhs Conversion Loan	6,076
			58,612
		Due to Public—	
		Rs. 43 Lakhs Loan	2,320
		Rs. 30 Lakhs Loan	8,000
		Rs. 24½ Lakhs Loan	848
		Rs. 30 Lakhs Loan (1937-38)	2,327
		Rs. 30 Lakhs Loan (1938-39)	4,465
		Rs. 48 Lakhs Loan (1940-41)	4,852
		Rs. 25 Lakhs Loan (1941-42)	3,472
			26,284
		Advance from Special Funds—	
		Rs. 8½ Lakhs from Plant and Machinery Depreciation Fund ...	1,756
			86,652
		Commission to the Imperial Bank of India for the payment of Interest on the portions of the different Loans	52
		Miscellaneous Loan Charges including Commission paid to the Imperial Bank of India for drawing interest on Sinking Fund Investments ...	15
			67
		Reduction of Debt or Investment of Sinking Fund.	
		Rs. 43 Lakhs Loan	1,219
		Rs. 30 Lakhs Loan	3,874
		Rs. 24½ Lakhs Loan	593
		Rs. 30 Lakhs Loan (1937-38)	1,630
		Rs. 1½ Crores Loan	3,242
		Rs. 140 Lakhs Loan	32,362
		Rs. 2 Crores Loan	34,328
		Rs. 82.67 Lakhs Conversion Loan	21,627
		Rs. 8½ Lakhs advance from Plant and Machinery Depreciation Fund ...	1,152
		Rs. 30 Lakhs Loan (1938-39)	3,128
		Rs. 48 Lakhs Loan (1940-41)	2,914
		Rs. 25 Lakhs Loan (1941-42)	2,085
			1,08,154
		Total Debt Charges ...	1,94,873
		Surplus—Excess of Income over Expenditure...	8,61,537
Total Rs. ...	10,56,410	Total Rs. ...	10,56,410

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14.

MUNICIPAL PRINTING PRESS.

Income and Expenditure for the year 1943-44.

Expenditure.		Details.	Amount.	Income.	Details.	Amount.
		Rs.	Rs.		Rs.	Rs.
Materials on hand and works in progress on 1st April 1943 ...			87,028			
Expenditure during the year—	Rs.					
Establishment—						
(a) Permanent ...	14,105					
(b) Allowances	2,522	16,627				
Labour ...		65,726				
Materials ...		83,427				
Out Work ...		1,271				
Electric Power ...		1,303		Amount chargeable to the departments for work done ...		1,84,374
Contingencies—						
(a) Contingencies ...	1,745					
(b) Printing and Stationery ...	1,302					
(c) Delivery Charges ...	1,313					
(d) Books and Dead Stock ...	1,859			Amount chargeable to the private parties for work done ...		4,293
(e) Lighting ...	494	6,713				
Repairs to Machinery ...		852				
Depreciation ...		590				
Rent ...		6,000		Amount of sale of waste paper & Metal ash ...		1,365
Provident Fund ...		4,625				
Debt charges—						
(1) Interest* ...	8,289					
(2) Repayment of capital ...	4,851	13,140		*Stock at close*—		
Proportionate Share of T. A. O.'s Salary ...		5,007	2,05,281	Works in progress ...	24,531	
Private Works—				Materials on hand ...	83,062	1,07,593
Labour ...		2,007				
Materials ...		1,202				
Contingencies ...		[illegible]				
Proportionate share of T.A.O.'s Salary ...		80	4,245			
			2,96,554			
Difference representing surplus (1) Rs. 1022 on departmental works and (2) Rs. 49 on private works transferred to revenue.			1,071			
			2,97,625			2,97,625

*Exclusive of interest amounting to Rs. 1196 due but not adjusted.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14—A.

Statement of Advance Accounts for 1943-44.

Name of Account.	Opening Balance on 1st April 1943.	Debits during 1943-44.	Total.	Credits during 1943-44.	Closing Balance on 31st March 1944.
	Rs.	Rs.	Rs.	Rs.	Rs.
Departmental Works—					
Water Works ...	18,122	65,354	83,476	46,021	37,455
Printing Press ...	93,260	2,05,281	2,98,541	1,75,714	(a) 1,22,827
Workshops ...	56,007	2,22,084	2,78,091	2,33,358	44,733
Architectural Branch ...	16,974	86,053	1,03,027	87,184	15,843
Roads, Buildings and Drainage ...	69,633	6,90,162	7,59,795	6,79,537	80,258
Health Department ...	1,029	5,102	6,131	5,663	468
Total ...	2,55,025	12,74,036	15,29,061	12,27,477	3,01,584
Private Works—					
Workshops ...	20,232	4,310	24,542	21,686	2,856
Water Works ...	1,11,352	49,769	1,61,121	78,715	82,406
Roads, Buildings and Drainage ...	1,13,785	1,47,049	2,60,834	1,73,024	87,810
Architectural Branch ...	1,755	3,555	5,310	2,484	2,826
Health Department ...	426	1,037	1,463	754	709
Printing Press ...	123	4,245	4,368	3,039	1,329
Housing Numbering ...	394	...	394	314	80
Total ...	2,48,067	2,09,965	4,58,032	2,80,016	1,78,016
Asphalt Plant, Crushers, etc.—					
Asphalt Plant ...	69,613	22,182	91,795	42,131	(b) 49,664
Sewri Crushers ...	52,145	70,420	1,22,565	13,812	(c) 1,08,753
Mechanical Transport ...	3,962	1,58,763	1,62,725	1,53,190	(d) 9,535
Worli Crushers ...	13,071	53,554	66,625	58,028	(e) 8,597
Manufacture of Pre-cast concrete slabs ...	11,003	5,279	16,282	11,669	(f) 4,613
Total	1,49,794	3,10,198	4,59,992	2,78,830	1,81,162
Municipal Officers— ...					
Dishonoured cheques ...	1,000	3,74,779	3,75,779	3,72,279	3,500
Standing advance for Contingent Expenses ...	40,202	955	41,157	20,300	20,857
Motor cars and motor cycles to officers ...	2,779	1,300	4,079	2,592	1,487
Total ...	43,981	3,77,034	4,21,015	3,95,171	25,844
Miscellaneous Advances ...	1,98,145	2,06,058	4,04,203	2,64,471	* 1,39,732
Improvement Schemes ...	1,116	28	1,144	...	1,144
Total ...	1,99,261	2,06,086	4,05,347	2,64,471	1,40,876
Advances, Measures for Civil Defence ...	46,342	...	46,342	9,221	37,121
Municipal Contractors ...	7,857	38,659	46,516	34,959	11,557
Municipal Tenderers ...	...	7,703	7,703	7,700	3
Purchase of Coal ...	14,995	...	14,995	143	14,852
Purchase of Petrol ...	Cr. 16,464	4,12,108	3,95,644	3,80,789	† 14,855
Total ...	6,388	4,58,470	4,64,858	4,23,591	41,267
Grand Total ...	9,48,858	28,35,789	37,84,647	28,78,777	9,05,870

(a)		Rs.
Works in progress	...	24,531
Materials on hand	...	83,062
Outstanding Bills	...	15,234
		Rs. 1,22,827

(b)	Rs.
Stock on hand ...	26,363
Outstanding bills	1,770
Loss to be adjusted during 1944-45.	21,531
Total ...	49,664

(c)	Rs.
Stock on hand ...	89,028
Outstanding bills	19,725
Total ...	1,08,753

(d)	Rs.
Outstanding bills	3,500
Stock on hand	*Nil*
Loss carried forward	6,035
Total ...	9,535

(e)	Rs.
Stock on hand ...	5,142
Outstanding bills	3,455
Total ...	8,597

(f)	Rs.
Stock on hand ...	2,771
Outstanding bills	1,842
Total ...	4,613

* Includes Rs. 20,000 on account of Municipal Contribution to the Schools Committee for maintaining the minimum Cash Balance as required under Bye-law No. 10 relating to the Schools Committee.

		Rs.	Rs.
† Outstanding Petrol and Diesel oil bills	...	1,060	
Stock in hand with M.E. Petrol	...	13,849	
" " " Diesel oil	...	468	
			15,377
Deduct— Stock received in 1943-44 but paid for during 1944-45	...		522
		Total ...	14,855

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14-B.

Statement showing Advances out of Special Funds during 1943-44.

Name of Account.	Opening Balance on 1st April 1943.	Debits during 1943-44.	Total.	Credit during 1943-44.	Closing Balance on 31st March 1944.
	Rs.	Rs.	Rs.	Rs.	Rs.
Charges met out of—					
Municipal Fire and Accident Insurance Fund	...	10,591	10,591	10,591	...
Net Premia Fund	...	...	...	...	...
Fines Fund	62,401	89,327	1,51,728	1,41,704	10,024
Garden Fund	...	7,634	7,634	7,634	...
G. S. M. College and K. E. M. Hospital Research Fund	...	19,744	19,744	19,744	...
Slum Service Fund	...	1,730	1,730	1,730	...
Renewal of Road Surfaces Fund	...	87,556	87,556	87,556	...
K. E. M. Hospital & G. S. M. College Equipment Fund	...	...	...	...	...
Advance from Plant and Machinery Depreciation Fund for—					
Purchases of Machinery, etc., pending adjustment against the provisions for depreciation in subsequent years	85,681	...	85,681	10,132	75,549
Levelling, metalling, etc., Private Streets...	87,938	7,432	95,370	33,258	62,112
Advance from Net Premia Fund for purchase of Machinery for the Municipal Printing Press	1,49,760	...	1,49,760	4,851	1,44,909
Advances for Capital Works from—					
Municipal Fire and Accident Insurance Fund	4,05,654	...	4,05,654	12,689	3,92,965
Plant and Machinery Depreciation Fund	10,52,695	...	10,52,695	33,463	10,19,232
Renewal of Road Surfaces Fund	8,79,518	...	8,79,518	27,364	8,52,154
Net Premia Fund	15,46,813	99,639	16,46,452	68,960	15,77,492
Land Sales Reserve Fund	22,25,000	...	22,25,000	...	22,25,000
Total Rs. ...	64,95,460	3,23,653	68,19,113	4,59,676	63,59,437

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14-C.

Statement of Deposit Accounts for 1943-44.

Name of Account.	Opening Balance on 1st April 1943.	Credits during 1943-44.	Total.	Debits during 1943-44.	Closing Balance on 31st March 1944.
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Cash Deposits from Contractors, etc.—					
(1) From Contractors ...	3,00,545	1,27,112	4,27,657	2,07,947	2,19,710
(2) From Tenderers ...	2,05,428	5,66,315	7,71,743	5,42,890	2,28,853
...	5,05,973	6,93,427	11,99,400	7,50,837	4,48,563
B.—Cash Deposits from private parties received through Departmental Officers—					
(1) City Engineer ...	4,96,434	1,98,694	6,95,128	3,23,898	3,71,230
(2) Hydraulic Engineer ...	3,98,208	2,73,433	6,71,641	2,86,135	3,85,506
(3) Assessor and Collector ...	4,65,475	1,20,88,532	1,25,54,007	1,18,65,288	6,88,719
(4) Executive Health Officer ...	38,673	47,647	86,320	33,315	53,005
(5) Estate Agent and Land Manager—					
(*i*) Improvement Schemes ...	3,78,170	4,88,412	8,66,582	3,69,926	4,96,656
(*ii*) Municipal Properties ...	5,33,110	1,01,618	6,34,728	1,16,062	5,18,666
(6) Dean, (*i*) K. E. M. Hospital ...	1,190	4,725	5,915	4,301	1,614
Dean, (*ii*) G. S. M. College ...	18,671	71,658	90,329	37,193	53,136
(7) Superintendent of Licences ...	40,394	1,15,037	1,55,431	1,00,034	55,397
(8) Superintendent of Markets ...	1,63,713	54,018	2,17,731	37,067	1,80,664
(9) Controller of Stores ...	2,096	15,893	17,989	17,988	1
(10) Election and Town Duty Officer ...	443	8,821	9,264	8,878	386
(11) Municipal Commissioner ...	...	578	578	365	213
(14) Curator Museum ...	...	6,081	6,081	2,543	3,538
(16) Chief Officer, Fire Brigade ...	450	...	450	450	...
(17) Superintendent of Gardens ...	8,211	3,315	11,526	2,786	8,740
(18) Mechanical Engineer ...	12,008	10,980	22,988	14,279	8,709
...	25,57,246	1,34,89,442	1,60,46,688	1,32,20,508	28,26,180
C.—Other Cash Deposits ...	4,70,423	19,32,218	24,02,641	19,53,752	4,48,889
D.—Cash Deposits from Lessees ...	28,42,751	10,36,362	38,79,113	11,08,007	27,71,106
E.—Paper Deposits (Kept in Office)—					
(1) From Contractors, etc. ...	53,900	52,80,500	53,34,400	52,63,100	71,300
(2) From Tenderers ...	68,400	2,60,200	3,28,600	1,61,800	1,66,800
(4) Securities held under objection ...	6,100	99,200	1,05,300	54,500	50,800
...	1,28,400	56,39,900	57,68,300	54,79,400	2,88,900
F.—Paper Deposits from Municipal employees and contractors lodged with the Imperial Bank of India ...	4,19,200	2,03,300	6,22,500	1,74,600	4,47,900
G.—Paper Deposits from lessees, etc., lodged with the Imperial Bank of India ...	2,57,100	1,38,400	3,95,500	1,10,600	2,84,900
H.—Cash deposits from A. G. Bombay for A.R.P. expenditure ...	2,51,705	7,69,858	10,21,563	9,91,598	29,965
Total ...	74,32,798	2,39,02,907	3,13,35,705	2,37,89,302	75,46,403

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14-D.

Statement of Reserve stock for 1943-44.

Name of Account.	Opening Balance on 1st April 1943.	Debits during 1943-44.	Total.	Credits during 1943-44.	Closing Balance on 31st March 1944.
	Rs.	Rs.	Rs.	Rs.	Rs.
General Stores Account ...	5,66,256	13,91,854	19,58,110	12,16,282	7,41,828
Capital Stores Account ...	2,60,392	3,66,914	6,27,306	3,78,991	2,48,315
Line Suspense Account ...	94,860	88	94,948	1,855	93,093
Water Works ...	6,084	*Nil.*	6,084	6,084	...
Total ...	9,27,592	17,58,856	26,86,448	16,03,212	10,83,236

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 14-E.

Statement showing 'Interest accrued but not paid' in respect of the following Municipal Loans credited to Suspense account pending adjustment in their respective years of repayment, outstanding on 31st March 1944.

Year of Adjustment.	Particulars of Loans.	Amount of Interest accrued but not paid outstanding.	Date of Maturity of the Loan.
		Rs. a. p.	
1923-24	„ 43 Lakhs Loan	71,666 10 8	1- 5-1945
1922-23	„ 147 „ „ Portion Rs. 17,00,000 ...	42,500 0 0	1- 1-1946
1923-24	„ 2nd 24½ „ „	16,500 0 0	1- 8-1946
1922-23	„ 147 „ „ Portion Rs. 10,00,000 ...	25,000 0 0	1- 1-1948
1923-24	„ 15 „ „	25,000 0 0	1- 5-1949
„	„ 30 „ „ (Overbridges)	50,000 0 0	1- 5-1949
1925-26	„ 30 „ „ (Miscellaneous Works) ...	30,000 0 0	1- 1-1951
1922-23	„ 147 „ „ Portion Rs. 43,00,000 ...	1,07,500 0 0	1- 1-1953
1923-24	„ 70 „ „ Portion Rs. 49,40,000 ...	65,866 10 8	1- 6-1954
1924-25	„ 160 „ „	3,20,000 0 0	1-12-1954
1923-24	„ 20 „ „	33,333 5 4	1- 5-1955
1927-28	„ 25 „ „	31,250 0 0	1- 1-1958
1929-30	„ 37 „ „	21,846 0 0	1- 8-1959
„	„ 31-43 „ „	21,784 0 0	1- 8-1959 or after 1- 8-1949
„	„ 28 „ „	7,046 0 0	1- 8-1959 or after 1- 8-1954
1923-24	„ 70 „ „ Portion Rs. 20,60,000 ...	27,466 10 8	1- 6-1974
1925-26	„ 10 „ „	12,500 0 0	1- 7-1980
1932-33	„ 40 „ „	80,000 0 0	1- 9-1960 or after 1- 9-1950
1937-38	„ 9 „ „	1,313 0 0	14- 3-1966
„	„ 24½ „ „	12,250 0 0	1- 2-1967
1938-39	„ 30 „ „ of 1937-38	4,250 0 0	14-3-1966
1940-41	„ 30 „ „ of 1938-39	7,500 0 0	1- 3-1969
1940-41	„ 64 „ „ of 1939-40	16,000 0 0	1- 3-1970
1941-42	„ 48 „ „ of 1940-41	14,000 0 0	1- 3-1971
1942-43	„ 25 „ „ of 1941-42	7,291 10 8	1- 3-1972
	Total Rs. ...	10,51,864 0 0	

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Statement showing the amounts of the Receipts and Expenditure respectively credited at the credit of the Fund at the close of the

	Details. Rs. a. p.	Total. Rs. a. p.
Balance on 1st April 1944		
RECEIPTS—A.—REVENUE ACCOUNT.		
1. General Tax, Indirect Taxation and Miscellaneous Revenue. A.—General Tax	1,53,51,010 7 0	
B.—Town Duties	16,17,662 7 9	
C.—Grants-in-aid of the fees for Land Conveyance, Music etc., Licences	8,689 12 0	
D.—Grants-in-aid in respect of fines for offences against the Law ...	1,15,199 7 1	
E.—Interest and Profit on Investment of Surplus Loan and other balances	2,75,292 11 11	
F.—Interest on Plant and Machinery Depreciation Fund	68,431 9 0	
G.—Miscellaneous	2,06,302 4 3	
		1,76,42,588 11 0
2. Water Works—Water Tax and and other Miscellaneous Water Works Revenue		1,01,29,351 10 9
3. Education—Primary		9,42,694 2 3
4. Education—Secondary		733 6 4
5 Public Health Department		1,19,557 6 6
6. Medical Relief and Education		1,86,213 9 10
7 Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A.—Halalkhore Tax	41,21,425 6 6	
B.—Miscellaneous	1,99,043 11 0	43,20,469 1 6
8. Roads, Drains and Sewers—		
A.—Wheel Tax and Government Contribution in lieu of Tolls	16,46,989 4 0	
B.—Ground Rent	85,470 1 0	
C.—Miscellaneous	1,75,639 9 5	
D.—Interest realised on Donations	1,861 10 0	19,09,960 8 5
9. Mechanical		57,272 6 0
10. Buildings, Land Acquisition and Management—		
A.—Sale Proceeds of Surplus Land	10,00,000 0 0	
B.—Rent of Buildings	40,941 14 0	
C.—Ground Rent	2,10,169 2 5	
D.—Miscellaneous	2,74,525 9 4	15,25,636 9 9
11. Fire Brigade—		
A.—Fire Tax	6,97,400 6 0	
B.—Miscellaneous	28,174 4 0	7,25,574 10 0
12. Licensing and Removal of Encroachments on Public Streets—administration of Shops & Establishment Act.		
A.—Licences for Dangerous and Offensive Trades	2,48,774 12 0	
B.—Removal of Encroachments on Public Streets	1,86,544 15 0	
C.—Miscellaneous	1,15,706 5 5	
D.—Grant in aid from Government for administration of shops & Establishment Act. ...	43,125 0 0	5,94,151 0 5
13. Gardens and Open Spaces		51,745 7 0
14. Markets and Slaughter Houses		17,76,284 4 10
15. Contribution from Capital Funds to Revenue on account of Loan Works Staff		66,212 3 0
16. Extraordinary Receipts		1,29,447 3 0
17. Rebate on account of collection of Urban Immovable Property Tax in the City		1,77,107 4 1
18. (a) Excess accumulations in the plant and Machinary Depreciation Fund		43,533 7 6
Total Revenue Receipts Rs. ...		4,03,98,533 0 2

No. 15.

and debited to the Municipal Fund during the year 1943-44 and the balance year 1943-44 (i. e. 31st March 1944).

—	Details. Rs. a. p.	Total. Rs. a. p.
EXPENDITURE A.—REVENUE ACCOUNT.		
I.—General Supervision, Collection of Revenue, etc.—		
A.—General Superintendence ...	5,50,872 10 6	
B.—Collection of Revenue ...	7,84,470 12 0	
C.—Upkeep of Municipal Head Office ...	33,345 13 4	
D.—General Stores ...	76,435 5 9	
E.—Miscellaneous Charges ...	1,14,716 1 8	
F.—Election Expenses ...	78,292 15 6	
New Works ...	10,515 11 0	
Debt Charges ...	36,395 13 0	
Proportion of General Superintendence chargeable to Water Works, Markets, etc., and Improvement Schemes Account ...	Cr. 4,49,534 10 0	12,35,510 8 9
II.—Water Works ...	11,89,078 0 5	
„ New Works ...	19,339 4 6	
„ Debt Charges ...	54,21,363 8 0	
Proportion of General Supervision and Collection of Revenue ...	3,02,569 7 0	
Provident Fund and Pension, etc., charges ...	1,10,302 13 6	70,42,653 1 5
III.—Education—Primary ...	47,11,372 12 10	
„ New Works ...	...	
„ Debt Charges ...	1,64,501 0 0	48,75,873 12 10
IV.—Education—Secondary ...		46,447 2 6
V.—Public Health Department ...		
A.—General Supervision ...	5,19,769 10 0	
B.—Epidemics ...	44,720 9 0	
C.—Vaccination ...	1,02,550 2 3	
D.—Malaria ...	2,25,043 1 11	
E.—Miscellaneous ...	92,603 3 9	
F.—Medical Inspection of School Children including Travelling, Dental Clinic. ...	40,508 15 0	
G.—Supply of milk to the undernourished needy children attending Muncipal Schools ...	11,143 14 3	
New Works ...	6,961 15 0	
Debt Charges ...	47,581 3 0	10,90,882 10 2
VI.—Medical Relief and Education—		
A.—Hospitals and Maternity Homes—		
(a) King Edward Memorial Hospital ...	8,27,327 6 9	
(b) Infectious Diseases Hospital ...	4,23,942 9 0	
(c) Maternity Homes ...	1,45,931 1 4	
(d) Turner Sanitarium at Bhoiwada ...	88,327 4 0	
B.—Dispensaries ...	1,88,866 2 7	
C.—Medical and Nursing Assistance to poor people in their houses ...	28 12 6	
D.—Gordhandas Sunderdas Medical College ...	2,66,384 1 3	
E.—Statutory Contribution to Government Medical Institutions ...	4,14,500 0 0	
New Works ...	3,588 9 0	
Debt Charges ...	4,53,876 7 0	28,12,772 5 5
VII.—Street Cleansing and Conservancy, Road Watering and Halalkhore Service—		
A.—Street Cleansing and Conservancy ...	22,22,079 6 2	
B.—Transport of Refuse, etc., to Deonar ...	2,64,465 5 6	
C.—Road Watering ...	16,859 7 0	
D.—Halalkhore Service ...	3,31,654 11 0	
New Works ...	3,967 4 0	
Debt Charges ...	3,80,410 15 0	32,19,437 0 8
VIII.—Roads, Drains and Sewers—		
A.—General ...	1,49,697 0 6	
B.—Maintenance of Roads ...	9,88,625 3 2	
C.—Public Lighting ...	9,30,914 3 6	
D.—Cleansing of Drains and Sewers and Street Connections ...	3,48,097 1 2	
E.—Rebate on Account of the compounded wheel-tax, etc. ...	1,00,606 0 0	
New Works ...	22,909 14 0	
Debt Charges ...	35,05,263 4 2	60,46,112 10 6
IX.—Mechanical—		
A.—Mechanical Engineer's Office Staff ...	76,046 7 11	
B.—Pumping Purification Works, Compressor Stations and Flood Gates ...	5,61,445 3 9	
C.—Supervision of Factories, Workshops and Work-places ...	11,313 14 0	
D.—Transport ...	8,22,520 13 11	
E.—Refrigerator ...	22,666 0 0	
F.—Oiling and Greasing Surplus Machinery ...	...	
New Works ...	1,697 6 0	
Debt Charges ...	1,62,718 15 0	16,58,408 12 7
X.—Buildings, Land Acquisition and Management—		
A.—City Engineer's Central Office Establishment ...	1,00,400 10 9	
B.—Inspection and Supervision of Private Buildings ...	2,36,537 3 3	
C.—Architectural ...	71,786 0 0	
D.—Land Acquisition and Management ...	61,878 4 11	
New Works ...	93 8 0	
Debt Charges ...	18,04,516 11 0	
Supervision Chargeable to Improvement Schemes Account ...	Cr. 9,327 0 0	22,65,885 5 11
XI.—Fire Brigade ...	3,14,296 9 8	
Do. New Works ...	398 12 0	
Do. Debt Charges ...	70,200 12 0	
Proportion of General Supervision and Collectien of Revenue ...	24,854 9 0	
Provident Fund, Pension, etc., Charges ...	91,481 13 0	5,01,232 7 8
XII.—Licensing and Removal of Encroachments on Public Streets and administration of Shops and Establishment Act ...	1,96,918 13 1	
New Works ...	...	1,96,918 13 1
XIII.—Gardens and Open Spaces ...	1,86,707 11 10	
Do. New Works ...	8,759 13 0	
Do. Debt Charges ...	2,16,011 7 0	4,11,478 15 10
XIV.—Markets and Slaughter Houses ...	5,07,784 11 7	
Do. New Works ...	5,987 10 0	
Do. Debt Charges ...	1,94,872 8 0	
Proportion of General Supervision ...	21,576 0 0	
Provident Fund, Pension, etc., Charges ...	25,368 15 0	7,55,589 12 7
XV.—Contribution towards Improvements Schemes ...		26,26,996 9 0
XVI.—Provident Fund, Pensions Gratuities and Compassionate Allowances ...		10,92,764 0 2
XVII.—Urban Immovable Property Tax on Municipal Properties in the City ...		49,675 1 0
XVIII.—Grain Compensation ...		24,45,179 11 0
XIX.—Grants in aid to Public Institutions ...		3,39,515 3 6
XX.—Measures for Civil Defence ...		3,81,622 3 8
XXI.—Extraordinary Measures ...		1,492 7 0

... Expenditure Rs.

Appendix

	Details.	Total.
RECEIPTS—B.—CAPITAL ACCOUNT—	R a. p.	Rs. a. p.
Loan Funds—		
Debt—Principal—		
Advance from Net Premia Fund for Purchase of Plant and Machinery	73,566 0 0	
Advances from Net Premia Fund for Renewal of Road Surfaces for which no Provision Exists in the Renewal Fund	26,072 10 0	
Loan of (1939-40)	...	
New Loan 1943-44	10,00,000 0 0	
Trust Fund—		10,99,638 10 0
Receipts on Donations, etc.	26,410 6 3	
Interest on investments	616 5 0	
Worn out Water Mains Renewal Fund—		27,026 11 3
Interest on Investments		197 14 0
Advances—		
Capital Stores Account		7,52,060 1 0
Total Capital Account Receipts Rs. ...		18,78,923 4 3
RECEIPTS—C.—SUSPENSE ACCOUNT—		
Imperial Bank of India and other Local Banks on account of Sundry Deposits		4,15,54,508 7 10
Loan Redemption Fund (Municipal)		64,85,118 4 0
Do. do. Improvements Schemes		5,08,085 13 0
Sinking and Special Funds Accounts		67,19,709 1 8
Provident Fund Recoveries		30,88,325 1 0
Fines Fund Do.		31,863 15 6
Gardens Fund Do.		12,843 9 6
Land Sales Reserve Fund Recoveries		...
Surplus Funds (Paper and Cash Account)		59,73,411 0 3
Reserve Stores Account		12,54,803 7 0
Purchase Stores Account		13,74,298 2 9
Do. of Petrol and Diesel Oil		3,80,789 4 6
Do. of Coal		142 5 0
Departmental Works		8,18,405 2 0
Do. Printing Press Recoveries		1,75,713 13 1
Private Works		2,80,016 4 10
Departmental Works—Workshops Recoveries		2,33,358 8 0
Sinking Funds (Paper and Cash Account)		34,97,428 2 0
Special Funds (Do. do.)		24,99,888 8 6
Loan Funds (Do. do.)		18,04,095 4 4
Deposit Account		2,39,02,907 9 2
Love Grove Crushers		58,028 8 0
Sewri Crushers		13,811 12 6
Mechanical Transport		1,53,189 11 0
Asphalt Plant		42,131 8 0
Municipal Contractors		34,959 8 0
Do. Tenderers		7,700 0 0
Sundries—Miscellaneous Advances		2,64,471 3 10
Manufacturing of Precast Concrete slabs for footpaths		11,669 8 0
Advances—Measures for Civil Defence		9,221 5 0
Officers—		
(a) Dishonoured Cheques		3,72,279 7 2
(b) Standing Advances for Contingent Expenses		20,300 0 0
(c) Motor Cars and Motor Cycles to Officers		2,592 4 0
(d) Cycle Advance to subordinates		...
Advances—Special Funds		4,59,673 8 11
Bombay Municipal Corporation Loans—Interest Warrants Payable Account		30,16,114 8 2
Cash Bills Outstanding Account		3,49,000 3 2
Cheques payable		9,31,26,673 2 3
Interest on B. I. Trust Loans Payable Account		4,940 0 0
City of Bombay Improvement Trust Loan Interest Warrants Payable Account		18,69,189 4 4
Fidelity Guarantee Insurance Fund		5,302 0 0
Improvement Schemes Fund—		
(a) Sinking Fund	1,75,655 10 0	
(b) Capital Fund	19,85,561 10 0	
Improvement Schemes Fund Account		21,61,217 4 0
		19,89,082 10 0
Total—Suspense Account Receipts Rs. ...		20,45,67,259 0 3

No. 15—*Continued.*

—	Details.	Total.
	Rs. a. p.	Rs. a. p.
EXPENDITURE—B.—CAPITAL ACCOUNT—		
Loan Funds—		
I.—General Supervision, Collection of Revenue, etc. ...	...	
II.—Water Works, ordinary ...	7,67,308 6 0	
III.—Education—Primary ...	2,791 14 0	
V.—Public Health Department ...	8,066 12 0	
VI.—Medical Relief and Education ...	3,381 10 9	
VII.—Street Cleansing, Conservancy, Road Watering and Halalkhore Service ...	*Cr.* 7,215 11 0	
VIII.—Roads, Drains and Sewers ...	7,98,347 8 6	
IX.—Mechanical ...	22,832 11 0	
X.—Buildings, Land Acquisition and Management ...	55,061 0 1	
XI.—Fire Brigade ...	52,352 0 0	
XIII.—Gardens and open spaces ...	...	
XIV.—Markets and Slaughter Houses ...	2,793 6 0	
XV.—Slum Service ...	7,157 3 0	
XVI.—Measures of Civil Defance ...	79,661 2 0	
Discount and other charges on Loans ...	15,000 0 0	
Plant and Machinery ...	36,787 5 0	
Assets written off... ...	58,559 0 0	19,02,884 3 4
Worn out Water Mains Renewal Fund—		
Expenditure on Works ...		1,867 8 0
Trust Account—		
Expenditure ...		26,410 6 3
Advances—		
Capital Stores ...		7,84,709 10 0
Total—Capital Account Expenditure Rs. ...		27,15,871 11 7
EXPENDITURE—C.—SUSPENSE ACCOUNT—		
Imperial Bank of India and other Local Banks on account of Sundry Deposits ...		4,57,17,380 15 5
Sinking and Special Funds Accounts ...		40,78,997 14 9
Interest accrued but not paid ...		33,000 0 0
Fidelity Guarantee Insuarauce Fund ...		5,302 0 0
Provident Fund Recoveries ...		30,88,325 1 0
Fines Fund Do. ...		31,863 15 6
Gardens Fund Do. ...		12,843 9 6
Interest Recoverable a/c ...		73 7 0
Plant and Machinery ...		5,006 2 0
Reserve Stores Account ...		14,17,990 3 6
Purchase Stores Account ...		13,33,105 1 3
Purchase of Petrol and Diesel Oil ...		4,12,108 10 0
Purchase of Coal ...		...
Departmental Works ...		8,46,671 2 10
Municipal Workshops ...		2,22,084 7 10
Printing Press ...		2,05,281 3 9
Private Works ...		2,09,965 9 0
Sinking Fund ...		41,70,205 5 0
Special Fund ...		35,02,175 3 3
Surplus Funds ...		79,74,378 14 10
Loan Funds ...		11,01,066 0 0
Debt—Principal—Repayment of Loans (Municipal) ...		64,85,118 4 0
Do. do. (Improvements Schemes) ...		5,08,085 13 0
Deposit Account ...		2,37,89,302 14 10
Love Grove Crushers ...		53,554 6 0
Sewri Crushers ...		70,420 10 0
Mechanical Transport ...		1,58,762 9 9
Asphalt Plant ...		22,182 5 0
Municipal Contractors ...		38,659 0 6
Do. Tenderers ...		7,703 6 0
Sundries—Miscellaneous Advances ...		2,06,086 0 1
Advance-Measures for Civil Defence ...		...
Manufacture of Precast Concrete Slabs for footpaths ...		5,279 5 0
Officers—		
(*a*) Dishonoured Cheques ...		3,74,779 7 2
(*b*) Standing Advances for Contingent Expenses ...		955 0 0
(*c*) Motor Cars and Motor Cycles to Officers ...		1,300 0 0
(*d*) Cycle advances to subordinates ...		...
Advances—Special Funds ...		3,23,651 4 1
Bombay Municipal Corporation Loans—Interest Warrants Payable Account ...		29,86,983 5 2
Cash Bills Outstanding Account ...		3,50,497 12 9
Cheques payable ...		9,41,20,119 7 0
City of Bombay Improvement Schemes Loans Interest Warrants Payable Account ...		18,36,252 7 4
Improvement Schemes Fund—		
(*a*) Sinking Fund ...	21,56,522 2 0	
(*b*) Capital Fund ...	16,00,209 6 0	37,56,731 8 0
Interest on Bombay Improvement Trust Loans Payable Account ...		1,810 0 0
Improvement Schemes Fund Account... ...		8,216 2 0
Total—Suspense Account Expenditure Rs. ...		20,94,74,275 14 1

—	Total.
	Rs. a. p.
RECEIPTS—D.—IMPROVEMENT SCHEMES ACCOUNT—	
General Account—	
I.—Rents and other proceeds ot Properties	54,75,446 13 5
II.—Contribution towards Improvement Schemes from the Municipal Corporation	26,26,996 9 0
III.—Grants-in-aid of Tobacco Duty	10,00,000 0 0
IV.—Interest and Profits on Investments	4,02,470 1 1
V.—Miscellaneous Receipts	40,404 9 8
VI.—Appropriation from Capital Account to meet deficit in the General Account...	2,49,302 13 7
Total Rs. ...	97,94,620 14 9
Capital Account—	
I.—Sale proceeds of Lands, Buildings, etc.	42,12,489 7 1
Total Rs. ...	42,12,489 7 1
Total—General and Capital Account Receipts Rs. ...	1,40,07,110 5 10

SUMMARY.

Receipts.	—	Disbursements.
Rs. a. p.		Rs. a. p.
42,62,754 2 7	Balance on 1st April 1943 ...	
4,03,98,533 0 2	A.—Revenue Account	3,90,96,448 11 3
18,78,923 4 3	B.—Capital Account	27,15,871 11 7
20,45,67,259 0 3	C.—Suspense Account	20,94,74,275 14 1
1,40,07,110 5 10	D.—Improvement Schemes Account	1,05,41,062 9 10
26,08,51,825 10 6	Total Rs. ...	26,18,27,658 14 9
	* Balance on 31st March 1944	32,86,920 14 4
26,51,14,579 13 1	Total Rs. ...	26,51,14,579 13 1

J. K. DARUVALA,

Chief Accountant.

No. 15—*Concluded.*

	Details.	Total.
	Rs. a. p.	Rs. a. p.
EXPENDITURE—D.—IMPROVEMENT SCHEMES ACCOUNT		
General Account—		
A.—Maintenance of Properties and Streets		18,46,284 8 1
B.—Cost of Management and Establishment	8,96,389 13 8	
C.—Proportionate charge on account of Municipal Supervision	87,449 2 0	
	9,83,838 15 8	
Deduct—		
Proportionate share of cost of Management and Establishment chargable to General Account ... 8,39,485 15 8		
Do. do. do. Capital Account ... 1,44,353 0 0	9,83,838 15 8	...
D.—Debt Charges	...	79,48,336 6 8
Total ...		97,94,620 14 9
Capital Account—		
Improvement and Street Schemes, etc.		3,52,285 13 6
Proportionate share of cost of Management and Establishment chargable to Improvement and Street Schemes	...	1,44,353 0 0
Repayment of Loan		...
Revenue Deficit		2,49,802 13 7
Total ...		7,46,441 11 1
Total—General and Capital Account Expenditure ...		1,05,41,062 9 10

		Rs. a. p.
Bank's reconciliation:—		
* Balance as per Bank's Pass Book		24,53,840 15 1
Add— Revenue sent to the Bank on 31st March 1944 but acknowledged on 1st April 1944 ...		7,46,391 1 4
		32,00,232 0 5
Less— Uncashed Cheques		2,28,907 1 0
Balance in Bank as per Day Book (Column No. 10)	...	29,71,324 15 5
Balance in Office in Government Promissory Notes, etc.	Rs. 2,88,900 0 0	
Balance in Office in Cash	„ 26,695 14 11	3,15,595 14 11
		32,86,920 14 4

M. D. BHAT,
Municipal Commissioner.

Appendix No. 16.

Comparison of Face, Purchase and Market Values at 31st March 1944 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Municipal Fire and Accident Insurance Fund.	3½ per cent. Government Promissory Notes ...	9,100	60 0 0	5,460 0 0	98 6 0	9,444 0 0
	Do. do. ...	500	64 15 0	324 11 0		
	3½ per cent. Government Loan 1947-50 ...	41,100	98 8 0	40,483 8 0	103 0 0	79,619 0 0
	Do. do. ...	36,200	96 0 0	34,752 0 0		
	4 per cent. Government Loan 1960-70 ...	49,500	94 4 0	46,653 12 0		
	Do. do. ...	1,00,200	92 8 0	92,685 0 0	112 8 0	3,20,400 0 0
	Do. do. ...	13,700	87 10 0	12,004 10 0		
	Do. do. ...	1,21,400	88 0 0	1,06,832 0 0		
	4 per cent. Bombay Improvement Trust Debentures	46,600	Par.	46,600 0 0		
	Do. do. ...	10,000	89 0 0	8,900 0 0		
	Do. do. ...	7,200	88 0 0	6,336 0 0	113 8 0	1,56,630 0 0
	Do. do. ...	23,500	84 8 0	19,857 8 0		
	Do. do. ...	9,700	84 4 0	8,172 4 0		
	Do. do. ...	41,000	92 12 0	38,027 8 0		
	3 per cent. Bombay Municipal Debentures ...	2,63,100	Par.	2,63,100 0 0	Par.	2,63,100 0 0
	3½ per cent. Do. do. ...	52,200	Par.	52,200 0 0	"	52,200 0 0
	Total Rs. ...	8,25,000		7,82,388 13 0		8,81,393 0 0
Worn out Water Mains Renewal Fund.	3½ per cent. Government Loan 1947-50 ...	1,700	94 13 0	1,611 13 0		
	Do. do. ...	200	96 0 0	192 0 0	103 0 0	2,884 0 0
	Do. do. ...	900	98 8 0	886 8 0		
	3 per cent. Bombay Municipal Debentures ...	500	Par.	500 0 0	Par.	500 0 0
	Total Rs. ...	3,300		3,190 5 0		3,384 0 0
Net Premia Fund ...	3 per cent. Government Promissory Notes ...	900	48 0 0	432 0 0	89 8 0	805 8 0
	3½ per cent. Government Promissory Notes ...	45,900	60 0 0	27,540 0 0	98 6 0	46,137 14 0
	Do. do. ...	1,000	62 10 0	626 4 0		
	3½ per cent. Government Loan 1947-50 ...	31,300	94 13 6	29,686 1 6	103 0 0	2,12,798 0 0
	Do. do. ...	1,75,300	98 8 0	1,72,670 8 0		
	4 per cent. Government Loan 1960-70 ...	13,400	Par.	13,400 0 0		
	Do. do. ...	5,500	92 8 0	5,087 8 0		
	Do. do. ...	30,200	88 6 0	26,689 4 0	112 8 0	66,037 8 0
	Do. do. ...	100	88 0 0	88 0 0		
	Do. do. ...	9,500	87 10 0	8,324 6 0		
	3 per cent. Bombay Municipal Debentures ...	1,56,200	Par.	1,56,200 0 0	Par.	1,56,200 0 0
	3½ Do, do. ...	32,700	Par.	32,700 0 0	Par.	32,700 0 0
	Total Rs. ...	5,02,000		4,73,443 15 6		5,14,678 14 0
Provident Fund ...		500	97 6 0	486 14 0		
	3½ per cent. Government Promissory Notes ...	14,02,400	60 0 0	8,41,440 0 0		
	Do. do. ...	10,000	68 11 0	6,868 12 0		
	Do. do. ...	1,57,000	75 10 0	1,18,731 4 0	98 6 0	23,00,007 8 0
	Do. do. ...	1,29,200	75 14 6	98,070 14 0		
	Do. do. ...	6,38,900	96 1 0	6,13,743 5 0		
	3½ per cent. Government Loan 1947-50 ...	16,00,300	98 8 0	15,76,295 8 0		
	Do. do. ...	2,01,200	94 13 6	1,90,825 10 0	103 0 0	37,51,157 0 0
	Do. do. ...	1,42,600	94 13 0	1,35,202 10 0		
	Do. do. ...	16,97,800	96 0 0	16,29,888 0 0		
	4 per cent. Government Loan 1960-70 ...	1,23,300	94 4 0	1,16,210 4 0		
	Do. do. ...	18,45,500	92 8 0	17,07,087 8 0		
	Do. do. ...	47,500	88 6 0	41,978 2 0		
	Do. do. ...	37,01,200	88 0 0	32,57,056 0 0	112 8 0	80,01,900 0 0
	Do. do. ...	13,36,000	87 10 0	11,70,670 0 0		
	Do. do. ...	59,300	Par.	59,300 0 0		
	3 per cent. Government Loan 1963-65 ...	12,90,800	98 0 0	12,64,984 0 0	98 5 0	12,69,017 12 0
	4 per cent. Bombay Improvement Trust Debentures	1,81,300	Different rates	1,40,693 0 0		
	Do. do. ...	46,100	Par.	46,100 0 0		
	Do. do. ...	3,80,300	84 4 0	3,20,402 12 0	113 8 0	18,14,297 8 0
	Do. do. ...	16,700	84 8 0	14,111 8 0		
	Do. do. ...	9,74,100	92 12 0	9,03,477 12 0		
	5 per cent. Bombay Improvement Trust Debentures	6,18,500	Different rates	5,65,335 0 0	121 0 0	7,48,385 0 0
	6 per cent. Bombay Improvement Trust Debentures	1,91,000	Do.	1,92,531 4 0	123 2 0	2,82,531 0 0
	Do. do. ...	38,700	Par.	38,700 0 0		
	3 per cent. Bombay Municipal Debentures ...	20,37,600	Par.	20,37,600 0 0	Par.	20,37,600 0 0
	6 per cent. Bombay Munl. Debentures 1950-60 ...	8,64,500	99 3 9	8,57,881 2 9	123 0 0	10,63,335 0 0
	4 per cent. Bombay Municipal Debentures ...	900	Par.	900 0 0	113 8 0	1,021 8 0
	3½ per cent Bombay Municipal Debentures ...	39,96,700	Do.	39,96,700 0 0	Par.	39,96,700 0 0
	Total Rs. ...	2,37,29,900		2,19,43,271 1 9		2,52,65,952 4 0
Fines Fund ...	3½ per cent. Government Promissory Notes ...	15,700	60 0 0	9,420 0 0		
	Do. do. ...	500	64 15 0	324 11 0	98 6 0	16,133 8 0
	Do. do. ...	200	81 11 0	163 6 0		
	3½ per cent. Government Loan 1947-50 ...	41,500	98 8 0	40,877 8 0		
	Do. do. ...	47,200	96 0 0	45,312 0 0	103 0 0	97,541 0 0
	Do. do. ...	6,000	94 13 0	5,688 12 0		
	Fines Fund Carried forward Rs. ...	1,11,100		1,01,786 5 0		1,13,674 8 0
	Carried forward Rs. ...	2,50,60,200		2,32,02,294 3 3		2,66,65,408 2 0

Appendix 16—*Concluded.*

Comparison of Face, Purchase and Market Values at 31st March 1944 of the different Securities held in the following Special Funds.

Name of Fund.	Particulars of Securities.	Face value.	Purchase rate per cent.	Actual cost at purchase rate.	Market rate per cent.	Value at Market rate.
		Rs.	Rs a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
	Brought over Rs. ...	2,50,60,200		2,32,02,294 3 3		2,66,65,408 2 0
es Fund—(concld.)	Fines Fund Brought over Rs. ...	1,11,100		1,01,786 5 0		1,13,674 8 0
	4 per cent. Government Loan 1960-70 ...	20,000	88 0 0	17,600 0 0	112 8 0	
	Do. do. ...	500	92 8 0	462 8 0		23,062 8 0
	4½ per cent. Government Loan 1955-60 ...	2,800	82 6 0	2,306 8 0	115 14 0	3,244 8 0
	5 per cent. Tax Free Government Loan 1945-55 ...	1,300	117 7 0	1,526 11 0	104 11 0	1,360 15 0
	4 per cent. Bombay Port Trust Debentures ...	3,000	70 0 0	2,100 0 0	113 8 0	3,405 0 0
	4 per cent. Bombay Improvement Trust Debentures	48,900	Par.	48,900 0 0		
	Do. do. ...	11,000	84 4 0	9,267 8 0	113 8 0	85,125 0 0
	Do. do. ...	15,100	92 12 0	14,005 4 0		
	3 per cent. Bombay Municipal Debentures ...	3,28,000	Par.	3,28,800 0 0	Par.	3,28,000 0 0
	3 per cent. Government Loan 1963-65 ...	900	98 0 0	882 0 0	98 5 0	884 13 0
	3½ per cent. Bombay Municipal Debentures ...	9,300	Par.	9,300 0 0	Par.	9,300 0 0
	Total Rs. ...	5,51,900		5,36,136 12 0		5,68,057 4 0
ant and Machinery Depreciation Fund	3½ per cent. Government Loan 1947-50 ...	7,100	98 8 0	6,993 8 0		
	Do. do. ...	3,100	94 13 0	2,939 3 0	103 0 0	22,557 0 0
	Do. do. ...	11,700	96 0 0	11,232 0 0		
	4 per cent. Government Loan 1960-70 ...	32,600	92 8 0	30,155 0 0	112 8 0	51,412 8 0
	Do. do. ...	13,100	87 10 0	11,478 14 0		
	4 per cent. Bombay Improvement Trust Debentures	52,400	Par.	52,400 0 0		
	Do. do.	2,200	84 4 0	1,853 8 0	113 8 0	63,446 8 0
	Do. do. ...	1,300	92 12 0	1,205 12 0		
	3 per cent. Bombay Municipal Debentures ...	3,02,100	Par.	3,02,100 0 0	Par.	3,99,000 0 0
	3½ Do. do.	96,900	Par.	96,900 0 0		
	Total Rs. ...	5,22,500		5,17,257 13 0		5,36,416 0 0
enewal of Road Surfaces Fund.	3½ per cent. Government Loan 1947-50 ...	92,300	96 0 0	88,608 0 0	100[illegible]	1,21,643 0 0
	Do. do. ...	25,800	98 8 0	25,413 0 0		
	4 per cent. Government Loan 1960-70 ...	1,34,200	92 8 0	1,24,135 0 0		
	Do. do. ...	2,47,400	87 10 0	2,16,784 4 0	112 8 0	4,54,387 8 0
	Do. do. ...	5,100	88 0 0	4,488 0 0		
	Do. do. ...	17,200	94 4 0	16,211 0 0		
	4 per cent. Bombay Improvement Trust Debentures	15,700	Par.	15,700 0 0		
	Do. do. ...	13,100	92 12 0	12,150 4 0	113 8 0	3,07,925 8 0
	Do. do. ...	2,41,400	84 4 0	2,03,379 8 0		
	Do. do. ...	1,100	84 8 0	929 8 0		
	3 per cent. Bombay Municipal Debentures ...	12,07,400	Par.	12,07,400 0 0	Par.	12,07,400 0 0
	3½ per cent. Do. do. ...	69,000	Par.	69,000 0 0	,,	69,000 0 0
	Total Rs. ...	20,69,700		19,84,198 8 0		21,60,356 0 0
arden Fund ...	3½ per cent. Government Loan 1947-50 ...	14,800	96 0 0	14,208 0 0		
	Do. do. ...	1,900	98 8 0	1,871 8 0	103 0 0	19,570 0 0
	Do. do. ...	2,300	94 13 0	2,180 11 0		
	4 per cent. Government Loan 1960-70 ...	800	Par.	800 0 0		
	Do. do. ...	1,800	87 10 0	1,577 4 0		
	Do. do. ...	2,300	92 8 0	2,127 8 0	112 8 0	28,125 0 0
	Do. do. ...	900	94 4 0	848 4 0		
	Do. do. ...	19,200	88 0 0	16,896 0 0		
	4 per cent. Bombay Improvement Trust Debentures	5,600	Par.	5,600 0 0		
	Do. do. ...	5,000	84 4 0	4,212 8 0	113 8 0	17,592 8 0
	Do. do. ...	4,900	92 12 0	4,544 12 0		
	3 per cent. Bombay Municipal Debentures ...	30,600	Par.	30,600 0 0	Par.	30,600 0 0
	3½ per cent. Do. do. ...	7,600	Par.	7,600 0 0	Par.	7,600 0 0
	Total Rs. ...	97,700		93,066 7 0		1,03,487 8 0
lospital Fund ...	3½ per cent. Government Promissory Notes ...	7,600	98 7 6	7,483 10 0		
	Do. do. ...	1,74,100	97 1 0	1,68,985 13 0	98 6 0	1,78,747 6 0
	3½ per cent. Government Loan 1947-50 ...	1,400	98 8 0	1,379 0 0		
	Do. do. ...	30,900	96 0 0	29,664 0 0	103 0 0	1,32,870 0 0
	Do. do. ...	96,700	94 13 6	91,713 14 6		
	4 per cent. Government Loan 1960-70 ...	42,400	106 14 6	45,328 4 0	112 8 0	48,712 8 0
	Do. do. ...	900	92 8 0	832 8 0		
	3 per cent. Bombay Municipal Debentures ...	2,22,800	Par.	2,22,800 0 0	Par.	2,22,800 0 0
	Total Rs. ...	5,76,800		5,68,187 1 6		5,83,129 14 0
and Sales Reserve Fund.	3 per cent. Municipal Debentures ...	1,13,900	Par.	1,13,900 0 0	Par.	1,13,900 0 0
	3½ Do. do. ...	76,100	Par.	76,100 0 0	Par.	76,100 0 0
		1,90,000		1,90,000 0 0		1,90,000 0 0
Slum Service Fund.	3 per cent. Municipal Debentures ...	1,70,100	Par.	1,70,100 0 0	Par.	1,70,100 0 0
K.E.M. Hospital and G. S. M. College Equipment Fund.	3½ per cent. Government Loan 1947-50 ...	10,200	94 13 0	9,670 14 0	103 0 0	20,291 0 0
	Do. do. ...	9,500	98 8 0	9,357 8 0		
	3 per cent. Bombay Municipal Debentures ...	75,300	Par.	75,300 0 0	Par.	75,300 0 0
	Total Rs. ...	95,000		94,328 6 0		95,591 0 0
G. S. M. College and K. E. M. Hospital Research Fund.	3½ per cent. Government Laon 1947-50 ...	12,400	96 0 0	11,904 0 0	103 0 0	12,772 0 0
	Do. 1879 ...	14,900	97 6 0	14,508 14 0	98 6 0	14,657 14 0
	4 per cent. Government Loan 1960-70 ...	8,400	92 8 0	7,770 0 0	112 8 0	18,225 0 0
	Do. do. ...	7,800	88 0 0	6,864 0 0		
	3 per cent. Municipal Debentures ...	12,300	Par.	12,300 0 0	Par.	12,300 0 0
	4 per cent. Bombay Improvement Trust Debentures	400	84 4 0	337 0 0	113 8 0	454 0 0
	3½ per cent. Bombay Municipal Debentures ...	1,200	Par.	1,200 0 0	Par.	1,200 0 0
	Total Rs. ...	57,400		54,883 14 0		59,608 14 0
Precast Concrete Slab Pavements Renewal Fund.	3 per cent. Municipal Debentures ...	30,900	Par.	30,900 0 0	Par.	30,900 0 0
Fidelity Guarantee Insurance Fund.	3½ per cent. Municipal Debentures	3,600	Par.	3,600 0 0	Par.	3,600 0 0
	3 per cent. Do. do. ...	10,300	Par.	10,300 0 0	Par.	10,300 0 0
		13,900		13,900 0 0		13,900 0 0
	Grand Total Rs. ...	2,94,36,100		2,74,55,253 0 9		3,11,76,954 10 0

L. K. DARUVALA. M. D. BHAT,

Appendix No. 16-A.

Comparison of Face, Purchase and Market Values at 31st March 1944 of the different Securities held in the Sinking Funds.

N.B.—Special attention is invited to para 17 of the Chief Accountant's Report.

Particulars of Securities.	Face value.	Purchase rate per cent.	Book value.	Market rate per cent.	Value at Market rate. (Municipal and Improvement Trust Debentures being valued at par).
	Rs.		Rs. a. p.		Rs. a. p.
4 per cent. Municipal Debentures ...	98,68,700	Par	98,68,700 0 0	Par	98,68,700 0 0
4 Do. do. ...	55,900	84½	47,235 8 0		55,900 0 0
4 Do. do. ...	21,500	84¼	18,113 12 0		21,500 0 0
5 Do. do. ...	60,27,000	Par	60,27,000 0 0		60,27,000 0 0
6 Do. do. ...	1,000	Par	1,000 0 0		1,000 0 0
6 Do. do. ...	78,000	99-3-9	77,402 13 0		78,000 0 0
3 Do. do. ...	64,47,700	Par	64,47,700 0 0		64,47,700 0 0
3½ Do. do. ...	23,59,600	Par	23,59,600 0 0		23,59,600 0 0
4 per cent. Bombay Improvement Trust Debentures ...	15,00,700	84¼	12,64,339 12 0	Par	25,31,600 0 0
4 Do. do. ...	1,32,200	84½	1,11,709 0 0		
4 Do. do. ...	5,06,700	92¾	4,69,964 4 0		
4 Do. do.	3,92,000	Par	3,92,000 0 0		
4 per cent. Bombay Improvement Trust (coupon) Debentures.	3,76,600	84½	3,18,227 0 0	Par	5,00,000 0 0
4 Do. do. ...	1,23,400	84¼	1,03,964 8 0		
4 per cent. Loan 1960-70 ...	1,13,100	Par	1,13,100 0 0	112½	55,21,050 0 0
4 Do. do. ...	30,42,300	75	22,81,725 0 0		
4 Do. do. ...	5,00,000	75-0-6	3,75,156 4 0		
4 Do. do. ...	3,18,000	88	2,79,840 0 0		
4 Do. do ...	2,48,000	92½	2,29,400 0 0		
4 Do. do. ...	4,48,000	87⅝	3,92,560 0 0		
4 Do. do. ...	2,22,300	88⅜	1,96,457 10 0		
4 Do. do ...	15,900	94¼	14,985 12 0		
3½ per cent. Loan 1947-50 ...	2,80,000	96	2,68,800 0 0	103	11,06,220 0 0
3½ Do. do. ...	3,20,800	94-13-6	3,04,258 12 0		
3½ Do. do. ...	29,700	$94\frac{13}{16}$	28,159 5 0		
3½ Do. do. ...	4,43,500	98½	4,36,847 8 0		
4½ per cent. Loan 1955-60 ...	5,00,000	79¾	3,98,750 0 0	115⅞	5,79,375 0 0
3 per cent. Loan 1963-65 ...	1,93,800	98	1,89,924 0 0	$98\frac{5}{16}$	1,90,529 10 0
4 per cent. Bombay Improvement Trust Sterling Debentures.	£ 25,000	£ 80 at 1*s*. 6*d*.	2,66,666 10 8	Par at 1s. $5\frac{31}{32}$ *d*.	3,33,913 0 8
Total Rs. ...	3,45,66,400 £ 25,000		3,32,83,587 6 8		3,56,22,087 10 8

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 16-B.

Statement showing the amount of and object for which the Donations held under Public Monuments Maintenance Fund were received from different parties up to 31st March 1944.

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
Sir Mangaldas Nathoobhoy ...	Donation for the maintenance of Sir Mangaldas Nathoobhoy Clock at Mumbadevi.	3½ per cent. Government Paper, 1879 ...	500	Par	500 0
The Secretary, Tata Memorial ...	Donation for the maintenance of J. N. Tata Statue ...	3½ per cent. Government Paper, 1900-01 ...	1,200	Do.	1,200 0
The Secretary, Ranade Memorial ...	Donation for the maintenance of Ranade Statue ...	4 per cent. Bombay Improvement Trust Loan due 1962 ...	1,000	Do.	1,200 0
		3½ per cent. Government Paper, 1900-01 ...	200		
Mr. P. J. Mistri ...	Donation for the maintenance of N. M. Petit Statue at Gowalia Tank Road ...	3½ per cent. Government Paper, 1900-01 ...	2,000	Do.	3,000 0
		3½ per cent. Government Paper, 1879 ...	1,000	Do.	
Messrs. J. D. Framroz, R. B. Jeejeebhoy and P. C. Sethna.	Donation for the maintenance of Sir D. M. Petit Statue ...	4 per cent. Loan 1960-70 ...	2,400	88 0	2,112 0
Mr. Cassumally Jairajbhoy Peerbhoy ...	Donation for the maintenance of a fountain at the junction of Hornby Road and Palton Road.	4 per cent. Loan 1960-70 ...	5,500	92 8	5,087 8
The Secretary, Montague Memorial Fund ...	Donation for the maintenance of the Montague Statue at the junction of Marine Lines and Church Gate Street. ...	6 per cent. Municipal Debentures 1950-60 ...	1,200	99 10	1,195 8
		4 per cent. Loan 1960-70 ...	900	88 0	792 0
Mr. Surajmal Hanmantrai ...	Donation for the maintenance of a public fountain at Princess Street. ...	4 per cent. Loan 1960-70 ...	2,600	92 8	2,405 0
		3½ per cent. Government Paper ...	100	60 0	60 0
Mr. Chaturbhuj Jivandas ...	Donation for the maintenance of the new Bandstand at Chowpatty ...	4 per cent. Government Loan 1960-70 ...	400	88 0	352 0
Mr. Jamnadas Dwarkadas ...	Donation for the maintenance of a water trough for watering Victoria horses and bullocks at the junction of Colaba and Pilot Bunder Roads.	Do. do. ...	400	88 0	352 0
Dr. K. E. Dadachanji ...	Donation for the maintenance of a fountain at the junction of Frere Road and Carnac Bridge				7,230 0
Mr. D. P. Kothare ...	Donation for the maintenance of a fountain at Mint Road ...				1,570 0
Mr. K. D. Dhuru ...	Donation for the maintenance of a fountain at the junction of old Purbhadevi and Cadell Road.	4 per cent. Government Loan 1960-70 ...	15,200	88 0	452 0
Mr. Gokuldas Karsondas Shroff ...	Donation for the maintenance of a cattle trough and drinking fountain at Lady Jamshedji Road.	3½ per cent. Government Paper ...	100	60 0	1,001 0
Mr. Fattechand Revaldas ...	Donation for the maintenance of a fountain at Narayan Dhuru Street. ...				353 0
Mr. Hansraj Pragji ...	Donation for the maintenance of a cattle trough at Clerk Road ...				2,830 0
Mr. F. P. Pavri ...	Donation for the maintenance of a drinking fountain at the junction of Cadell Road and Old Purbhadevi Road.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
The Secretary, Dr. Dadabhoy Naoroji Memorial Fund.	Donation for the maintenance of the Statue of Dr. Dadabhoy Naoroji ...	4 per cent. Loan 1960-70 ...	1,400	88 0	1,232 0
Mr. Khimji Madon Bhujpuria ...	Donation for the upkeep of a water trough on site opposite the Jamshed Mill.	4 per cent. Loan 1960-70 ...	600	88 0	528 0
Mr. L. R. Tairsee ...	Balance out of donation received from Mr. L. R. Tairsee for the construction of a cattle trough at the top end corner of Walkeshwar near "Tin Batti".				
		Carried forward Rs. ...	37,300		33,980 0

Appendix No. 16-B.—*Concluded.*

Name of donor.	Object for which the donation is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
		Brought forward Rs. ...	37,300		33,980 0
Mr. N .P.Wadia ...	Balance out of donation received for construction of three cattle troughs at Bhoiwada Road, Parel Tank Road and Sewree Cross Road	4 per cent. Loan 1960-70 ...	1,200	88 0	1,056 0
Mr. F. B. Jeejeebhoy ...	Balance out of donation received for the construction of a public fountain and water trough at the junction of Suparibag Road and Government Gate Road.	4 per cent. Loan 1960-70 ...	1,500	88 0	1,320 0
Mr. Anantrao Vithoba Kowley ...	Balance out of donation received for the construction of a fountain and cattle trough at the junction of Bhawani Shanker Road and Gokhale Road.	3½ per cent. Government Paper ...	1,500	64 15	974 1
Mr. Ramdas Raghowji Govindji ...	Balance out of the donation received for the construction of a fountain and cattle trough at Cavel Street.	3½ per cent. Government Paper ...	1,700	60 0	1,020 0
Mr. C. K. Kakade ...	Balance out of the donation received for the construction of a fountain at Bellasis Road.	4 per cent. Loan 1960-70 ...	200	88 0	176 0
Hon. Secretary, Lok. Tilak Memorial Committee.	Donation for the maintenance of the Statue of Lok. Tilak at Chowpatty Sands.	3½ per cent. Government Paper ...	1,400	Par	1,400 0
Mr. M. E. Joshi Memorial Committee ...	Donation for the maintenance of the marble bust of Mr. M. E. Joshi at Parsi Colony, Dadar.	3 per cent Municipal Debantures ...	500	Par	500 0
Sir Patrick Kelly Memorial Committee ...	Donation for the maintenance of the Statue of Sir Patrick Kelly, Kt., C.I.E., opposite Crawford Market.	3½ per cent Government Loan 1947-50 ...	900	108 2	973 2
Joint Honorary Secretary Dr. A. G. Viegas Memorial Committee.	Donation for the maintenance of the Statue of the late Dr. A. G. Viegas at Dhobi Talao ...	3 per cent. Municipal Debentures ...	500	Par	500 0
Khan Bahadur Kawasji J. Petigara Memorial Committee	Donation for the Maintenance of the Statue of Khan Bahadur K. J. Petigara.	3½ per cent. Government Paper 1842-43 ...	500	96 3	480 15
Sir Dinshaw Watcha, Kt., Memorial Committee ...	Donation for the Maintenance of the Statue of Sir Dinshaw Watcha, Kt. ...	3½ per cent. Goverement Paper 1842-43 ...	500	96 3	480 15
		Total ...	47,700		42,861 1
Mrs. A. M. Stewart ...	Donation for maintenance of Cemetery No 20 at Antop Hill for the European Jewish Community.	3 per cent. Municipal Debentures	2,500	Par	2,500 0
Rao Bahadur Ellappa Balaram ...	Donation for the maintenance of a Charitable Dispensary at Kamathipura ...	4 per cent. Bombay Improvement Trust Loan due 1966 ...	5,000	Par	19,500 0
		4 per cent. Bombay Improvement Trust Loan due 1972 ...	14,500	Do.	
Bai Lingoobai, widow of Rajanna Jalooji ...	Do. do. do. do.	3½ per cent. Government Paper 1854-55 ...	10,700	Do.	10,700
Colaba Free Dispensary ...	Donation for the maintenance of Assets of the dispensary taken over by the Municipality on its taking over the dispensary.	4 per cent. Government Loan 1960-70 ...	1,200	87 10	1,051 8
Joint Honorary Secretaries and Treasurers, George V Anti-Tuberculosis League.	Donation for the maintenance of Assets transferred to the Municipality on its taking over the League.	3½ per cent. Government Paper 1900-01 ...	1,000	Par	21,000 0
		4 per cent. Municipal Debentures due 1954 ...	20,000	Do.	
Mr. Shapurji Sorabji ...	Donation in connection with the house in Khetwadi given by him for being used as a Maternity Home.	3½ per cent. Government Paper 1854-55 ...	5,000	Do.	10,000 0
		3½ per cent. Government Paper 1879 ...	5,000	Do.	
Messrs. Little & Co. ...	Amount representing balance out of the amount set apart for the purchase of Bai Gowrabai Dispensary Building at Kamathipura.	4 per cent. Loan 1960-70 ...	2,900	88 0	2,552 0
Do.	Donation for meeting charges for repairs, etc., to Bai Gowrabai Dispensary at Kamathipura.	6 per cent. Municipal Debentures 1950-60 ...	5,000	99 10	4,981 4
Unspent balance out of the donation from the estate of the late Mr. Mahomed Haji Saboo Sidick	Donation for establishing and maintaining Maternity Homes in Bombay ...	3 per cent. Municipal Debentures ...	52,600	Par	52,600 0
		Total ...	1,22,900		1,22,384 12
		Grand Total Rs. ...	1,73,100		1,67,745 13

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No.-16-C.

Statement showing the amounts of and object for which the endowments held under Endowments Fund were received from different parties upto 31st March 1944.

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
	Scholarships and Prizes.		Rs.	Rs. a.	Rs. a.
The Bhawnagar Durbar ...	"Bhawnagar State Entrance Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	5,900	88 0	5,192 0
Dr. N. A. Purandare ...	"Savitribai Purandare Prize" at K. E. M. Hospital ...	Do. do. ...	300	Par	300 0
Mr. Tulsidas H. Parekh ...	"Bai Bachubai Thakurdas Parekh Entrance Scholarship" at G. S. M. College.	Do. do. ...	3,700	88 0	3,256 0
Mr. Lalji Naranji ...	"Lalji Naranji Scholarship" at G. S. M. College ...	Do. do. ...	4,500	88 0	3,960 0
Mr. Chaturbhuj Gordhandas Sunderdas ...	"Chaturbhuj Gordhandas Sunderdas Scholarship" and "Bai Gangabai Gordhandas Sunderdas Scholarship" at G. S. M. College.	Do. do. ...	9,100	88 0	8,008 0
Dr. (Mrs.) Dossibai Jehangir Rattanshaw Dadabhoy, M.D., M.R.C.P. (Lond.).	"Awabai Rattanshaw Dadabhoy Scholarship" at G. S. M. College.	Do. do. ...	3.900	88 0	3.432 0
		3½ per cent. Government Paper 1900-01 ...	200	68 4	136 8
Mr. Jehangir Rattanshaw Dadabhoy ...	"Rattanshaw Dadabhoy Scholarship" at G. S. M. College ...	4 per cent. Government Loan 1960-70 ...	3,900	88 0	3,432 0
The Honorary Staff and Professors of the K. E. M. Hospital and G. S. M. College.	"Bahadurji Memorial Scholarship in Surgery" at G. S. M. College. ...	Do. do. ...	3,900	88 0	3,432 0
The Trustees of Dr. Choksy's Entertainment Fund.	Donation for endowing a Gold Medal called "Sir Nusserwanji Choksy Memorial Prize Medal" at G. S. M. College.	6 per cent. Municipal Debentures 1950-60 ...	2,000	99 10	1,992 8
		3 per cent. Municipal Debentures ...	100	Par	100 0
		4 per cent. Government Loan 1960-70 ...	100	Par	100 0
			200	97 5	194 10
		3 per cent. Government Loan 1963-65 ...	300	98 6	295 2
			200	98 0	196 0
H. H. the Maharana Shri Sir Doulatsingji, K.C.I.E., Thakore Saheb of Limbdi.	Donation for awarding a gold medal and a miniature replica of the Challenge Cup.	6 per cent. Municipal Debentures 1950-60 ...	1,800	99 10	1,793 4
Dr. Shirwalkar Memorial Fund Committee ...	"Dr. Shirwalkar, General Proficiency Scholarship and Medals" at G. S. M. College.	3½ per cent. Government Paper 1900-01 ...	6,000	Par	6,000 0
		Do. do. ...	3,000	Do.	3,000 0
		4 per cent. Municipal Debentures ...	2,000	Do.	2,000 0
Mrs. Dhungavri Rangildas Desai ...	Donation for endowing two prizes of Rs. 20 each to the Nurses of the K. E. M. Hospital.	4 per cent. Bombay Port Trust Bonds 1913 ...	1,000	Do.	1,000 0
Dr. E. Moses ...	"Mrs. Abigail Elijah Moses Prize" at K. E. M. Hospital ...	3½ per cent. Government Paper ...	500	Do.	500 0
		3½ per cent. Government Loan 1947-50 ...	100	102 12	102 12
Messrs. Win and Co., Solicitors, on behalf of the executors of the will of the late Mr. Kassamji Ranchhodji Desai.	"Kassamji Ranchhodji Prize" at K. E. M. Hospital ...	3½ per cent Government Loan 1865 ...	1,000	99 1	990 10
		4 per cent. Government Loan 1960-70 ...	9,000	88 0	7,920 0
		3 per cent. Government Loan 1963-65 ...	1,200	98 6	1,180 8
		3½ per cent. Government Loan 1947-50 ...	1,000	100 7	1,004 6
		3 pet cent. Municipal Debentures ...	300	Par	300 0
		3½ per cent. Government Paper 1900-01 ...	500	95 4	476 4
Dr. H. D'Sa ...	Mrs. D'Sa Memorial Gold Medal at G. S. M. College ...	4 per cent. Bombay Port Trust Debentures ...	3,000	Par	3,000 0
Mrs. Luxmibai Kane ...	Dr. G. W. Kane Memorial Gold Medal at G. S. M. College ...	3½ per cent. Government Loan 1947-50 ...	1,200	101 1	1,212 12
Mr. N. Dhume ...	Narayan Dhume Prize at G. S. M. College ...	3½ per cent. Government Paper ...	1,000	Par	1,000 0
Mr. Parmanand Krishnarao Rele ...	Dakurnath Krishnarao Rele Prize ...	3½ per cent. Loan 1947-50 ...	500	103 11	518 7
Prof. Khanolkar Farewell Fund Committee ...	Prof. V R. Khanolkar Prizes ...	3½ per cent G. P. Notes 1865 ...	5,700	94 3	5.368 11
Dr. P. T. Patel Memorial Fund Committee ...	Dr. P. T. Patel Entrance Scholarship at G. S. M. College ...	Do. ...	5,200	94 3	4,897 12
Do. Do	Dr. P. T. Patel Prize at G. S. M. College ...	Do. ...	3,100	94 3	2,919 13
Seth G. S. M. College & K. E. M. Hospital Staff Farewell Fund Committee. ...	The Seth G. S. M. College and K. E. M. Hospital Staff Fund for awarding prizes and making grants for attending Medical & Scientific conferences etc. ...	Do. ...	9,400	94 3	8,853 10
Dr. R. N. Cooper. ...	Jangoo Shavaksha Marzban Prize ...	Do. ...	2,100	94 3	1,977 15
Dr. R. N. Cooper. ...	Bai Banoobai Nusserwanji Cooper Prize ...	Do. ...	9,000	Par	9,000 0
		Scholarships—Total, Carried over Rs. ...	1,05,900		99,043 8

Appendix No. 16-C—*Concluded.*

Name of donor.	Object for which the endowment is given.	Particulars of Securities.	Face value.	Rate per cent.	Book value.
			Rs.	Rs. a.	Rs. a.
		Brought forward Rs. ...	1,05,900		99,043 8
	Clothing.				
Messrs. Ardeshir Hormasji Dinshaw and Co., on behalf of the Advocate-General.	Donation for the grant of warm clothing to patients discharged from the K. E. M. Hospital out of interest realised on securities.	3½ per cent. Government Paper 1879 ...	10,000	Par	10,000 0
		3½ per cent. Government Paper 1900-01 ...	18,600	Do.	18,600 0
		3½ per cent. Government Paper 1900-01 ...	2,000	98 4	1,965 0
		4 per cent. Government Loan 1960-70 ...	8,000	88 0	7,040 0
		4 per cent. Government Loan 1960-70 ...	4,800	87 10	4,206 0
		4 per cent. Government Loan 1960-70 ...	2,000	76 5	1,526 4
		3 per cent. Loan 1963-65 ...	4,000	98 0	3,920 0
		4 per cent. Bombay Improvement Trust Debentures ...	100	Par	100 0
	Education.	Clothing, Total Rs. ...	49,500		47,357 4
The Society for the Promotion of Education among the masses known as the Dadabhoy Nowrosji Poor Boys' Seminary.	Donation for the Promotion of Education among the masses ...	3½ per cent. Government Paper 1842-43	5,000	Par	5,000 0
		3½ Do. do. 1900-01	3,000	Do.	3,000 0
President, Dharmajirao Rokade Free Reading Room & Library ...		3½ Do. do. 1865 ...	900	97 2	874 2
			8,900		8,874 2
	Poor Box Charity.				
Mr. Mansukhlal Chaganlal ...	Donation towards the Poor Box Charity Fund at K. E. M. Hospital ...	4 per cent. Government Loan 1960-70 ...	5,700	88 12	5,058 12
....	Balance out of the donations received during the Influenza Epidemic invested in Securities, the interest being utilised for augmenting the Poor Box Charity Fund (Corporation Resolution No. 13650 of 12th March 1928).	4 per cent. Government Loan 1960 70 ...	5,800	88 0	5,104 0
		4 Do. do. ...	900	79 0	711 0
	Securities purchased out of interest accumulations.	3½ per cent. Government Loan 1865 ...	2,000	96 2	1,922 8
The Estate Agent, Bombay Improvement Trust on behalf of the staff.	Donation towards the Poor Box Charity Fund ...	4 Do. do. 1960-70 ...	200	88 0	176 0
Mr. Malloo Baloo ...	Donation in memory of Bai Rajiabai Malloo Yadav towards the Poor Box Charity Fund.	3 per cent. Municipal Debentures ...	1,000	Par	1,000 0
		Poor Box Charity, Total Rs. ...	15,600		13,972 4
	Convalescent Home.				
Dean, K.E.M. Hospital ...	Donation out of Poor Box Charity Fund for a Convalescent Home ...	3 per cent. Government Loan 1951-54 ...	6,000	Par	6,000 0
		3½ Do. do. 1879 ...	1,000	Do.	1,000 0
		3½ Do. do. 1842-43 ...	16,000	Do.	16,000 0
		3½ Do. do. 1865 ...	13,000	Do.	13,000 0
		3½ Do. do. 1854-55 ...	9,000	Do.	9,000 0
		3½ Do. do. 1900-01 ...	17,000	Do.	17,000 0
		4 Do. do. 1960-70 ...	20,000	Do.	20,000 0
		4 Do. Bombay Port Trust Debentures ...	4,000	Do.	4,000 0
		4 Do. Bombay Improvement Trust Debentures ...	24,000	Do.	24,000 0
		5 Do. Bombay Municipal Debentures ...	18,000	Do.	18,000 0
		6 Do. do. do. ...	12,000	Do.	12,000 0
		Convalescent Home, Total Rs. ...	1,40,000		1,40,000 0
		Grand Total Rs. ...	3,19,900		3,09,247 2

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Statement showing the quantity and value of several articles upon which Town

Months and Year.	Grain and Pulse at 8 pies per maund.		Flours of all sorts at 75 per cent. of the rate at the time being levied on the grain from which the flour is prepared at 6 pies per maund.		Wines and Spirits at 4 annas per gallon.		Beer at 6 pies per gallon.		Sugar at 8 annas per cwt.	
	Maunds.	Amount of duty.	Maunds.	Amount of duty.	Gallons.	Amount of duty.	Gallons.	Amount of duty.	Cwt.	Amount of duty.
		Rs.		Rs.		Rs.		Rs.		Rs.
I.—Duty collected by Bombay Port Trust.										
1943—										
April ...	993,581	41,399	382	12	5,403	1,351	59,026	1,845	84	42
May ...	60,748	2,531	3,822	119	28,263	7,066	44,006	1,375	...	...
June ...	43,488	1,812	...	...	4,395	1,099	40	1	...	...
July ...	125,160	5,215	2,756	86	9,486	2,371	—1,544	—48	9	4
August ...	214,553	8,940	...	...	16,059	4,015	—32	—1	...	...
September ...	153,321	6,388	...	...	5,008	1,252	6,806	213	15	8
October ...	174,463	7,269	...	...	14,143	3,536	9,312	291	6	3
November ...	407,551	16,982	...	...	42,488	10,622	—32	—1	...	...
December ...	940,392	39,183	...	...	26,865	6,716	22,942	717	...	...
1944—										
January ...	635,421	26,476	...	...	21,852	5,463	9,540	298	2	1
February ...	592,873	24,703	...	...	12,703	3,176	1,520	47	145	73
March ...	917,973	38,249	2,042	64	6,244	1,561	1,004	31	...	...
Paddy ...	57,564	1,499	...	...	...	...	...	...	...	...
Total ...	5,317,088	220,646	9,002	281	192,909	48,228	152,588	4,768	261	131
II.—Duty collected by G. I. P Railway.										
1943—										
April ...	192,456	8,019	...		16,705	4,176	...	...	30,158	15,079
May ...	75,341	3,139	...	...	16,403	4,101	...	...	42,489	21,244
June ...	37,281	1,554	...	...	8,068	2,017	...	...	62,931	31,466
July	138,150	5,756	...	...	8,603	2,151	...	...	24,144	12,072
August ...	193,472	8,061	...	...	8,808	2,202	...	...	23,728	11,864
September ...	360,099	15,004	...	...	262	65	...	...	18,563	9,281
October ...	344,503	14,354	...	...	463	116	...	...	17,183	8,591
November ...	612,790	25,533	...	...	831	208	...	...	20,350	10,175
December ...	677,619	28,234	538	17	48,333	12,083	...	...	12,949	6,474
1944—										
January ...	566,716	23,613	630	20	225	56	...	...	37,513	18,757
February ...	249,032	10,377	...	...	16,571	4,143	...	...	26,464	13,232
March ...	356,268	14,845	...	...	3,909	977	...	...	26,109	13,055
Total ...	3,803,727	158,489	1,168	37	1,29,181	32,295	...	...	342,581	171,29[illegible]
III.—Duty collected by B. B. & C. I. Railway.										
1943—										
April ...	613,000	25,542	...	...	3,475	869	5,076	159	836	418
May ...	1,003,956	41,832	...	...	2,090	523	1,800	56	4,892	2,446
June ...	1,136,207	47,342	...	...	550	138	...	...	3,158	1,579
July ...	714,774	29,782	...	...	4,513	1,128	...	...	165,651	82,826
August ...	480,006	20,000	...	...	4,418	1,104	...	...	184,043	92,021
September ...	479,411	19,975	...	...	4,146	1,036	2,044	64	195,346	97,673
October ...	410,661	17,111	...	...	4,245	1,061	3,384	106	21,032	10,516
November ...	222,105	9,254	...	...	7,089	1,772	16,920	529	41,374	20,687
December ...	295,960	12,332	...	...	4,209	1,052	3,984	124	28,201	14,100
1944—										
January ...	338,292	14,095	...	...	8,739	2,185	...	...	172,691	86,346
February ...	433,767	18,074	...	...	2,502	625	...	...	99,509	49,755
March ...	723,955	30,165	...	...	16,874	4,219	6,768	211	235,919	1,17,959
Total ...	6,852,094	285,504	...	...	62,850	15,712	39,976	1,249	1,152,652	576,326
IV.—Duty collected by Election and Town Duty Officer.										
1943—										
April ...	38,333	1,597	390	12	10,857	2,714	248	7	1,631	816
May ...	3,009	125	552	17	9,352	2,338	118	4	1,473	736
June ...	15,569	649	668	21	14,535	3,634	54	2	1,618	809
July ...	17,285	720	268	9	13,697	3,424	80	3	1,005	502
August ...	57,021	2,376	70	2	15,935	3,984	...	...	1,319	660
September ...	45,524	1,897	106	4	14,936	3,734	...	...	2,447	1,223
October ...	15,375	641	170	5	12,296	3,074	...	...	4,774	2,387
November ...	5,241	219	36	1	20,623	5,156	...	...	5,209	2,605
December ...	36,196	1,508	236	7	19,730	4,932	...	...	3,880	1,940
1944—										
January ...	77,065	3,211	...	...	17,131	4,283	..	...	9,274	4,637
February ...	75,005	3,125	...	...	16,976	4,244	...	...	3,332	1,666
March ...	50,596	2,108	...	...	19,498	4,874	...	...	2,971	1,485
Total ...	436,219	18,176	2,496	78	185,566	46,391	500	16	38,933	19,466
Grand Total ...	16,409,128	682,815	12,666	396	570,506	142,626	193,064	6,033	1,534,427	767,213
Deduct—Refunds passed by E. & T. D. O. ...	3,112,645	129,694	222,166	6,943	53,690	13,423	74,894	2,340	422,233	211,116
Net Revenue ...	13,296,483	553,121	—209,500	—6,547	516,816	129,203	118,170	3,693	1,112,194	

Commission etc. charges on General Town Duty collected by

Month.	Bombay Port Trust.	G. I. P. Railway.	B. B. & C. I. Railway.	Total.
	Rs.	Rs.	Rs.	Rs.
1943—				
April ...	1,122	1,578	10,551	13,251
May ...	1,936	1,102	4,262	7,300
June ...	455	1,031	1,075	2,561
July ...	830	1,446	1,542	3,618
August ...	303	555	1,826	2,684
September ...	671	805	3,573	5,049
October ...	574	788	—2	1,360
November ...	765	865	7,642	9,272
December ...	1,561	938	1,307	3,806
1944—				
January ...	1,874	1,528	1,285	4,687
February ...	1,890	1,376	1,039	4,305
March ...	1,527	...	3,332	4,859
Total ...	13,508	12,012	37,432	62,952

J. K. DARUVALA,
Chief Accountant.

o. 17.

uty was levied during 1943-44 under section 192(1) of the City of Bombay Municipal Act of 1888.

hee and Vegetable products at 10 annas per quarter.		Timber at 2½ per cent. on Market Value.		Firewood at 6 annas per ton.		Sundries.		Total Monthly Collections.
arters.	Amount of duty.	Value.	Amount of duty.	Tons.	Amount of duty.	*Plus.*	*Minus.*	
	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
5,557	3,473	532,063	13,302	8,435	3,163	...	...	64,587
7,519	4,699	526,218	13,155	7,038	2,639	...	...	31,584
602	377	283,685	7,092	183	69	...	...	10,450
174	109	95,965	2,399	...	...	...	...	10,136
4,528	2,829	263,820	6,596	859	322	...	...	22,701
4,050	2,532	482,100	12,053	1,081	405	...	...	22,851
5,084	3,177	384,100	9,602	3,927	1,473	...	...	25,351
4,399	2,749	628,982	15,725	6,712	2,517	...	...	48,594
10,867	6,792	604,892	15,122	9,669	3,626	...	...	72,156
9,463	5,915	433,828	10,846	10,517	3,944	...	...	52,943
8,494	5,309	541,094	13,527	10,402	3,901	...	...	50,736
9,778	6,111	599,965	14,999	12,871	4,826	...	...	65,841
...	...	...	...	...	...	...	...	1,499
70,515	44,072	5,376,712	134,418	71,694	26,885	...	...	479,429
18,022	11,264	16,065	402	585	220	...	...	39,160
12,494	7,809	35,448	886	1,071	402	...	...	37,581
3,084	1,927	20,443	511	1,225	459	...	...	37,934
2,626	1,641	20,250	506	681	256	...	...	22,382
1,407	879	75,930	1,898	1,927	722	...	...	25,626
2,348	1,467	38,513	963	1,111	416	...	...	27,196
5,584	3,490	28,492	712	214	80	...	...	27,343
2,854	1,784	6,450	161	667	250	...	...	38,111
2,438	1,524	19,737	494	...	...	...	...	48,826
2,476	1,548	62,482	1,562	591	222	...	...	45,778
2,839	1,775	66,880	1,672	243	91	...	...	31,290
4,173	2,608	72,970	1,824	801	300	...	...	33,609
60,345	37,716	463,660	11,591	9,116	3,418	...	...	414,836
6,155	3,847	109,755	2,744	5,821	2,183	2	...	35,764
3,371	2,107	159,450	3,986	6,151	2,307	...	...	53,257
4,855	3,035	202,880	5,072	4,645	1,742	...	...	58,908
3,439	2,149	210,495	5,262	5,008	1,878	...	...	123,025
4,174	2,609	189,385	4,735	5,509	2,066	...	...	122,535
8,105	5,065	189,020	4,726	4,169	1,563	...	2	130,100
10,985	6,866	160,500	4,012	5,416	2,031	...	...	41,703
2,745	1,716	276,565	6,914	4,635	1,738	...	2	42,608
2,876	1,797	226,560	5,664	5,262	1,973	...	...	37,042
4,845	3,028	174,720	4,368	5,868	2,201	...	...	112,223
4,778	2,986	107,510	2,688	4,701	1,763	...	...	75,891
4,067	2,542	135,395	3,385	2,829	1,061	...	...	159,542
60,395	37,747	2,142,235	53,556	60,014	22,506	2	4	992,598
4,903	3,064	205,065	5,127	350	131	...	...	13,468
2,899	1,812	198,640	4,966	569	213	...	...	10,211
5,512	3,445	166,715	4,168	222	83	...	...	12,811
6,220	3,887	134,963	3,374	124	47	...	...	11,966
5,682	3,551	133,415	3,335	190	71	...	...	13,979
6,796	4,247	131,025	3,276	54	20	...	...	14,401
8,555	5,347	111,040	2,776	336	126	...	...	14,356
10,218	6,386	194,895	4,872	329	123	...	...	19,362
8,206	5,129	167,232	4,181	306	115	...	...	17,812
8,542	5,339	169,625	4,241	303	114	...	...	21,825
8,172	5,108	190,350	4,758	324	122	...	...	19,023
6,807	4,255	191,440	4,786	286	107	56	...	17,671
82,512	51,570	1,994,405	49,860	3,393	1,272	56	...	186,885
273,767	171,105	9,977,012	249,425	144,217	54,081	58	4	2,073,748
18,260	11,412	342,145	8,554	...	...	...	...	383,482
255,507	159,693	9,634,867	240,871	144,217	54,081	58	4	1,690,266

	Rs.	Rs.	Rs.
Total Collection of Town Duty for 1943-44 ...			2,073,748
Add—Outstanding on 31st March 1943 due by—			
Bombay Port Trust	556		
G. I. P. Railway	11,546		
B. B. & C. I. Railway	2,046		14,148
			2,087,896
Deduct—Outstanding balances on 31st Mardh 1944 due by—			
Bombay Port Trust	784		
G. I. P. Railway	14,278		
B. B. & C. I. Railway	2,896	17,958	
Total amount of commission, etc., charges for the collection of Town Duty deducted at the source ...		62,952	
Refunds paid in 1943-44—			
For previous years	76,904		
For 1943-44	312,420	389,324	470,234
Total Rs. ...			1,617,662

Refunds—		
Balance outstanding for 1942-43 ...	196,176	
Add—Refunds sanctioned by E. & T.D.O. for 1943-44.	383,482	579,658
Less—Refunds passed by the Chief Accountant ...		389,324
Balance outstanding ...		190,334

M. D. BHAT,

Appendix

Income of the Bombay Municipality from the year

Year.	Gross Valuation.	House Rate.	Police Rate.	Wheel Tax and Tolls.	Licences for Trades, Land Conveyances, Music, etc.	Town Duties.	Cotton Duty.	Liquor Licences.	Tobacco Licences.	
	TAXATION PROPER									
	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
		Consolidated Rate.								
1932-33 ...	14,41,33,933	@ 11%	1,20,42,747	10,70,340	1,71,385	11,27,188	8,28,856	1,43,750	3,50,771	@ ½%
1933-34 ...	14,32,51,802	@ 11%	1,22,45,281	10,57,393	1,69,759	14,02,738	8,86,189	1,43,750	2,54,247	Do.
1934-35 ...	14,54,15,785	@ 12%	1,33,68,984	11,46,683	1,78,149	13,87,977	*758	1,43,750	3,65,150	Do.
1935-36 ...	14,72,00,410 †Rateable Value	Do.	1,28,88,990	11,13,357	1,82,301	14,77,756		1,43,750	3,28,225	Do.
1936-37 ...	13,31,56,299	@ 11%	1,26,18,595	10,74,038	1,92,968	14,48,130		1,43,750	3,93,000	Do.
1937-38 ...	13,62,69,866	Do.	1,25,73,931	14,29,080	1,93,564	13,09,001		1,43,750	4,14,250	Do.
1938-39 ...	13,48,69,247	Do.	1,36,06,715	13,69,662	2,09,522	15,52,261		1,43,750	1,58,970	Do.
1939-40 ...	13,97,61,676	Do.	1,34,47,825	12 74,008	2,38,219	13,78,340		...	...	Do.
1940-41	14,14,61,189	Do.	1,38,54,785	13,59,332	2,35,806	14,24,031		...	...	Do.
1941-42	14,27,65;826	Do.	1,39,20,308	14,70,207	2,33,096	18,48;316		...	...	Do.
1942-43	14,63,63,848	Do.	1,47,94,959	18,14,308	2,32,983	14,82,649		...	...	Do.
1943-44 ...	15,93,54,514	Do.	1,53,51,010	16,46,989	2,57,465	16,17,662		...	...	Do.

*Abolished with effect from 1-4-1934.
†As per S. C. R. No. 646, dated the 3rd October 1935

J. K. DARUVALA,
Chief Accountant.

Appendix

Expenditure of the Bombay Municipality

Year.	General Superintendence.	Assessment and Collection.	Fire Brigade.	Public Works (Engineering) Department.	Public Health Department.	General Stores.	Pensions and Gratuities and Provident Fund.	Education.	Medical Relief.	Debt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1932-33 ...	3,85,083	4,66,482	3,02,499	55,88,550	31,25,898	62,292	8,16,812	32,45,592	17,13,017	1,33,53,226
1933-34 ...	3,77,708	4,58,593	2,69,016	53,90,313	29,83,376	61,293	9,48,829	32,30,720	16,56,005	1,32,22,310
1934-35 ...	3,12,069	4,53,999	2,94,402	50,68,619	29,08,983	62,330	9,85,621	32,02,997	16,48,684	1,25,93,943
1935-36 ...	4,57,88	6,21,859	3,31,127	51,72,046	28,31,750	75,535	10,01,238	32,11,219	16,85,887	1,21,43 455
1936-37 ...	4,73,635	6,35,879	3,56,413	53,03,448	28,66,924	76,752	10,58,470	33,86,264	17,96,734	1,19,45,222
1937-38 ...	4,71,811	6,28,592	4,16,289	58,01,823	29,68,240	73,772	9,34,532	35,06,561	19,15,745	1,20,46,808
1938-39 ...	5,23,131	6,58,051	3,40,593	59,84,010	29,85,995	74,450	11,70,589	36,44,231	19,51,873	1,21,88,098
1939-40 ...	5,03,569	6,71,512	3,45,411	61,16,547	31,69 113	75,741	12,08,364	38,33,790	20,72,534	1,23,36,073
1940-41 ...	5,17,249	7,50,916	3,36,242	63,91,043	32,92,424	73,870	12,47,477	41,76,076	21,11,929	1,24,94,113
1941-42 ...	5,11,192	7,62,592	3,39,989	62,17,370	31,75,222	75,905	12,73,507	41,55,226	19,34,992	1,26,83,919
1942-43 ...	5,29,154	7,71,691	3,30,152	60,10,818	32,21,516	76,290	12,74,070	42,41,771	20,62,631	1,25,66,415
1943-44 ...	5,61,389	7,84,471	3,39,551	63,23,562	35,01,906	76,435	13,19,918	47,57,820	23,58,896	1,24,57,713

J. K. DARUVALA,
Chief Accountant.

No. 18.

1932-33 to close of the Financial year 1943-44.

Contribution from Insurance Companies or Fire Tax.	Total Taxation Proper.	SERVICES RENDERED. Halalkhore Tax.	SERVICES RENDERED. Water Tax.	SERVICES RENDERED. Total services rendered.	MISCELLANEOUS. Returns from Property and Miscellaneous.	Total Income.	Year.	Population by Census.	Incidence of Taxation per head of population.	Five years' average annual income.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.			Rs. a. p.	Rs.
5,48,757	1,62,83,794	30,78,239	63,86,907	94,65,146	42,53,441	3,00,02,381	1932-33	1,161,383	22 2 9	
5,56,824	1,67,16,181	30,88,965	62,98,417	93,87,382	53,12,408	3,14,15,971	1933-34		22 7 7	
5,58,891	1,71,50,342	31,48,555	63,27,589	94,76,144	53,06,620	3,19,33,106	1934-35		22 14 10	3,15, 57,228
5,37,641	1,66,72,020	30,08,828	67,05,265	97,14,093	59,90,340	3,23,76,453	1935-36		22 11 6	
5,68,933	1,64,39,414	32,10,543	70,15,634	1,02,26,177	53,92,638	3,20,58,229	1936-37		22 15 4	
5,72,309	1,66,35,885	33,39,105	75,14,123	1,68,53,228	55,27,305	3,30,16,418	1937-38		23 10 8	
6,18,808	1,76,59,688	36,26,492	77,83,976	1,14,10,468	56,97,119	3,47,67,275	1938-39		25 0 6	
6,12,659	1,69,51,051	36,93,912	80,70,695	1,17,64,607	59,40,443	3,46,56,101	1939-40		24 11 7	3,49,67,552
6,46,399	1,75,18,353	37,82,518	82,25 310	1,20,07,828	61,05,584	3,56,31,765	1940-41	1,489,883	19 13 2	
6,33,068	1,81,04,995	37,55,679	86,29,048	1,23,84,727	62,76,481	3,67,66,203	1941-42		20 7 5	
6,67,934	1,89,92,833	38,74,536	91,31,751	1,30,06,287	69,02,821	3,89,01,941	1942-43		21 7 8	
6,72,400	1,95,45,526	41,21,425	1,00,15,685	1,41,37,110	67,15,897	4,03,98533	1943-44		27 1 10	

M. D. BHAT,
Municipal Commissioner.

No 19.

from the year 1932-33 to the close of the financial year 1943-44.

Contribution to the Bombay Improvement Trust	Public Gardens.	Measures for Civil Defence.	Grain Compensation.	Plague Expenses.	Slum Service.	Miscellaneous.	Total.	Year.	Five years average annual expenditure.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.
23,52,242	1,57,884			65,982		5,33,558	3,21,69,117	1932-33	
(a) 32,84,740	1,57,141			67,759		4,43,796	3,25,51,599	1933-34	
33,39,680	1,45,748			69,968		5,32,016	3,16,19,059	1934-35	3,19,13,361
33,42,690	1,34,179			69,060		2,15,609	3,12,97,539	1935-36	
32,22,391	1,35,584			64,436	4,14,500	1,92,837	3,19,29,489	1936-37	
34,40,225	1,35,807			71,497		3,36,482	3,27,48,184	1937-38	
34,29,454	1,56,149			73,545		3,04,181	3,34,84,350	1938-39	
37,11,006	1,76,458		57,522	89,031		3,77,367	3,47,44,038	1939-40	3,45,63,300
35,73,077	1,78,329		2,98,560	73,624		4,03,477	3,59,18,406	1940-41	
36,88,945	1,65,322		3,08,010	74,621		5,54,709	3,59,21,521	1941-42	
(b) 24,69,485	1,67,090	11,55,548	9,72,830	62,514		5,53,473	3,64 65,448	1942-43	
(b) 26,26,997	1,95,468	3,81,622	24,45,180	99,097		8,66,424	3,90,96,449	1943-44	

(a) Includes Rs. 10,94,913 on account of increased contribution payable towards Improvement Schemes due to the amalgamation of the City Improvement Trust with the Municipality with effect from 1-10-1938 under Bombay Act XIII of 1933.

(b) The contribution is reduced by Bombay Act No. XVI of 1942.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 20.

Contrasted Statement of Income and Expenditure of the Bombay Municipality from 1932-33 to 1943-44.

Year.	Income.	Expenditure.	Difference	
			Surplus.	Deficit.
	Rs.	Rs.	Rs.	Rs.
1932-1933 ...	3,00,02,381	3,21,69,117	...	21,66,736
1933-1934 ...	3,14,15,971	3,25,51,599	...	11,35,628
1934-1935 ...	3,19,33,106	3,16,19,059	3,14,047	...
1935-1936 ...	3,23,76,453	3,12,97,539	10,78,914	...
1936-1937 ...	3,20,58,229	3,19,29,489	1,28,740	...
1937-1938 ...	3,30,16,418	3,27,48,184	2,68,234	...
1938-1939 ...	3,47,67,275	3,34,84,350	12,82,925	...
1939-1940 ...	3,46,56,101	3,47,44,038	...	87,937
1940-1941 ...	3,56,31,765	3,59,18,406	...	2,86,641
1941-1942 ...	3,67,66,203	3,59,21,521	8,44,682	...
1942-1943 ...	3,89,01,941	3,64,65,448	24,36,493	...
1943-1944 ...	4,03,98,533	3,90,96,449	13,02,084	...

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 21.
IMPROVEMENT SCHEMES.
General Financial Statistics.

Particulars.	1939-40.	1940-41.	1941-42.	1942-43.	1943-44.
General Account.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts.					
1. Land Revenue ...	53,48,506	52,53,255	52,26,917	54,12,392	54,75,447
2. Municipal contribution ...	37,11,006	35,73,077	36,88,945	24,69,485	26,26,997
3. Tobacco Duty ...	9,88,000	5,38,622	10,00,000	4,13,223	10,00,000
4. Miscellaneous ...	3,85,627	4,42,445	4,38,886	4,32,783	4,42,874
	1,04,33,139	98,07,399	1,03,54,748	87,27,883	95,45,318
Expenditure.					
5. Maintenance of Properties and Streets ...	19,53,053	21,67,231	17,73,303	17,57,705	18,46,284
6. Debt Charges ...	80,18,708	80,27,387	79,94,668	79,62,380	79,48,337
7. Repayment of excess amount received on account of Contribution from Municipal Corporation ...	...	...	...	6,27,745	...
	99,71,761	1,01,94,618	97,67,971	1,03,47,830	97,94,621
8. Surplus (+) or Deficits (—) ...	+4,61,378	—3,87,219	+5,86,777	—16,19,947	—2,49,303
Loans.					
9. Debt outstanding ...	16,42,15,264	16,37,54,180	16,32,79,467	16,17,88,592	16,12,80,506
10. Redemption and Sinking Funds in hand or invested ...	2,57,39,758	2,75,04,853	2,93,47,180	3,10,38,866	3,30,19,732
11. Net Loan Debt ...	13,84,75,506	13,62,49,327	13,39,32,287	13,07,49,726	12,82,60,774

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 22.

IMPROVEMENT SCHEMES.

General Account for the year ending 31st March 1944.

Particulars.	Amount.	Particulars.	Amount.
	Rs.		Rs.
To Revenue expenditure as per Appendix No. 24 ...	97,94,621	By Revenue Receipts as per Appendix No. 23 ...	95,45,318
		Balance being deficit for the year (transferred to Capital Account Balance Sheet—Appendix No. 25)	2,49,303
Total ...	97,94,621	Total ...	97,94,621

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 23.

IMPROVEMENT SCHEMES.

GENERAL ACCOUNT.

INCOME.

Statement showing the Net Receipts during the Financial year 1943-44 from all sources as contrasted with the Original Budget Estimate.

Particulars.	Budget Estimate for 1943-44.	Revised Estimate for 1943-44.	Actuals for 1943-44.	Actuals for 1942-43.	Compared with the Original Estimate	
					More.	Less
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
I.—RENTS AND OTHER PROCEEDS OF PROPERTIES—						
(1) Lands comprised in Schedule W ...	3,64,083	3,63,268	3,81,255	3,66,810	17,172	...
(2) Do. do. X ...	1,26,746	1,27,617	1,37,038	1,34,231	10,292	...
(3) Do. do. Y ...	1,07,939	1,07,991	1,08,975	1,11,588	1,036	...
(4) Do. do. Z ...	204	204	204	204	...	...
(5) Other Lands and Buildings ...	46,88,940	47,69,888	48,47,975	47,99,559	1,59,035	...
	52,87,912	53,68,968	54,75,447	54,12,392	1,87,535	...
II.—Contribution from the Municipal Corporation under Section 125(2)(*d*) of the Municipal Act ...	25,65,000	26,26,997	26,26,997	24,69,486	61,997	...
III.—Receipts on account of Tobacco Duty ...	10,00,000	10,00,000	10,00,000	4,13,223	...	...
IV.—Interest and Profit on Investments ...	3,75,000	3,75,000	4,02,470	4,00,902	27,470	...
V.—Miscellaneous Receipts ...	35,800	35,800	40,404	31,881	4,604	...
Total Income ...	92,63,712	94,06,765	95,45,318	87,27,883	2,81,606	...

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 24.

IMPROVEMENT SCHEMES.

General Account.

EXPENDITURE.

Statement showing the Actuals as compared with the Final Sanctioned Grants for 1943-44.

Particulars.	Final grants sanctioned for expenditure during 1943-44.	Actuals for 1943-44.	Final Grants compared with the Actuals: Amount required to be renewed in 1944-45.	Final Grants compared with the Actuals: Savings.	Actuals for 1942-43.
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
A.—Maintenance of Properties and Streets.					
(*a*) Maintenance of Properties—					
I—Lands comprised in Schedule W ...	89,501	74,124	300	15,077	63,993
II— Do. do. X ...	30,839	25,862	80	4,897	22,248
III— Do. do. Y ...	23,771	18,939	...	4,832	17,020
IV— Do. do. Z ...	43	35	...	8	32
V—Other Lands and Buildings—					
(1) Schemes ...	11,00,307	8,79,399	59,833	1,61,075	7,77,333
(2) Chawls Permanent ...	8,17,341	5,88,240	53,661	1,75,440	6,06,511
(3) S. P. Sheds ...	1,57,545	1,07,700	13,552	36,293	88,831
(*b*) Maintenance of Streets ...	2,92,992	1,26,812	1,18,983	47,197	1,60,181
(*c*) Preliminary expenses in connection with the Improvement of Slum areas ...	23,924	23,457	279	188	19,561
(*d*) Measures for Civil Defence ...	3,10,520	1,716	...	3,08,804	1,995
Total A.	28,46,783	18,46,284	2,46,688 *39,886	7,53,811 —39,886	17,57,705
B.—Cost of Management and Establishment.					
(*a*) Corporation and Standing Committee ...	12,401	11,044	...	1,357	10,347
(*b*) Deputy Municipal Commissioner's Office Establishment ...	33,568	33,418	9	141	31,709
(*c*) Audit and Accounts Establishment ...	35,202	34,114	109	979	32,978
(*d*) Estates and Land Management Department ...	4,22,059	3,66,624	34,903	20,532	3,57,062
(*e*) City Engineer's Department ...	1,52,918	1,41,326	1,537	10,055	1,50,894
(*f*) General Stores ...	4,030	4,030	...	...	3,600
(*g*) Incidental Expenses ...	1,17,437	1,03,256	2,107	12,074	98,789
(*h*) Grain Compensation ...	2,16,180	2,02,578	500	13,102	73,634
Total B.	9,93,795	8,96,390	39,165	58,240	7,59,013
C.—Proportionate charge on account of Municipal Supervision ...	1,05,310	87,449	721	17,140	82,657
Total B and C	10,99,105	9,83,839	39,886	75,380	8,41,670
Deduct—					
Charged to Capital Account ...	1,59,167	1,44,353			1,17,482
Charged to General Account ...	9,39,938	8,39,486	39,886	75,380	7,24,188
D.—Debt Charges.	...	...	...	...	...
I.—Interest on Loans ...	69,50,932	68,59,792	85,026	6,114	68,70,918
II.—Appropriation for reduction or avoidance of Debt ...	10,88,545	10,88,545	...	...	10,91,462
Total D.	80,39,477	79,48,337	85,026	6,114	79,62,380
E.—Repayment of excess amount eceived on account of contibution from Municipal Corporation. ...	...	...	...	...	6,27,745
Grand Total ...	1,08,86,260	97,94,621	3,71,600	7,20,039	1,03,47,830

* Rs. 39,886 represent expenditure on account of cost of Management and Establishment including Municipal Supervision to be allocated at the end of the year

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 25.

IMPROVEMENT SCHEMES.

Balance Sheet—(Capital Account) as at 31st March 1944.

LIABILITIES		Rs.
LOANS OUTSTANDING—		
(*Vide* details as shown in Appendix No. 29) ...		16,12,80,506
Book value of lands comprised in Schedules "W" and "X" ...		47,58,490
SURPLUS—		
Extraordinary receipts—		
Transfer of Sinking Fund Accumulations in respect of Rs. 370 lakhs loan	25,07,830	
Special grants from the Government of India	54,00,000	
Premia on loan raised in 1935-36	30,000	
Sale proceeds of Lands and Buildings—	Rs.	
Sale proceeds up to 31st March 1943 ...	4,26,97,135	
Sale proceeds during 1943-44 ...	42,12,490	
	4,69,09,625	
Sinking Fund on Loans	3,30,19,732	
Loans Redemption Fund	48,57,778	
	3,78,77,510	
	9,27,24,965	
Deduct—		
Revenue Deficits—		
Deficits upto 31st March 1943 ...	1,93,10,219	
Deficit during 1943-44 ...	2,49,303	
	1,95,59,522	7,31,65,443
Total Rs. ...		23,92,04,439

ASSETS	Face Value	Rate %	Actual cost	Rs.
BLOCK ACCOUNT—				
Property and Assets at original cost as per Appendix No. 26 ...				18,96,17,720
Book value of lands comprised in Schedules "W" and "X" as per Appendix No. 27 (Section 91A of the Municipal Act) ...				47,58,490
SINKING FUND—				
As per Appendix No. 28				
In Securities and Cash ...				* 3,30,19,732
CAPITAL FUNDS—				
In Securities :—				
4½ per cent. Bombay Improvement Trust Debentures ...	16,00,000	Par	16,00,000	
3 per cent. Bombay Municipal Debentures ...	4,40,500	,,	4,40,500	
3½ per cent. Bombay Municipal Debentures ...	3,400	,,	3,400	
6 per cent. Bombay Improvement Trust Debentures...	42,01,300	,,	42,01,300	
	62,45,200		62,45,200	
In Cash and fixed deposits ...			55,63,297	†1,18,08,497
Total Rs. ...				23,92,04,439

* For Face, Book and Market Values of Securities held in the Sinking Funds on 31st March 1943, please see Appendix No. 30.

† Against this, there is a liability to the extent of Rs. 3,71,600 on account of outstanding charges amounting to Rs. 3,71,600 for 1943-44 and previous years payable in the year 1944-45.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 26.

IMPROVEMENT SCHEMES.

Block Account showing details of Capital Expenditure upto 31st March 1944.

Particulars.	Total Capital Expenditure upto 31st March 1943.	Expenditure during 1943-44.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
CAPITAL ACCOUNT.			
Improvement and Street Schemes—			
Schedule W Lands ...	13,10,797	16,059	13,26,856
Schedule X Lands ...	16,26,471	...	16,26,471
Schedule Z Lands ...	8	...	8
Scheme No.			
1 First Nagpada ...	29,16,099	...	29,16,099
2 Princess Street ...	85,08,865	...	85,08,865
3 Sandhurst Road ...	1,13,79,105	...	1,13,79,105
4 Gamdevi ...	22,88,002	...	22,88,002
5 Dadar-Matunga ...	99,58,659	1,586	99,60,245
6 Sion-Matunga ...	1,03,62,112	1,73,008	1,05,35,120
7 Colaba Reclamation ...	4,78,538	...	4,78,538
8 Mandvi-Koliwada ...	26,52,501	...	26,52,501
13 Souter Street Extension—East-wards ...	68,102	...	68,102
27 Mathew Road ...	14,11,129	...	14,11,129
29 Nowroji Hill ...	85,29,781	2,179	85,31,960
30 Souter Street Extension—West-wards ...	1,30,512	...	1,30,512
31 Parel ...	91,01,107	...	91,01,107
32 East Agripada ...	50,57,935	...	50,57,935
33 Bhatwadi ...	3,28,433	...	3,28,433
36 Lamington Road ...	2,91,191	...	2,91,191
37 Sydenham Road ...	1,40,31,110	...	1,40,31,110
41 Undria Street ...	5,72,800	...	5,72,800
43 Parel Road Central ...	38,97,348	...	38,97,348
47 Parel Road Northern ...	52,91,132	5,253	52,96,385
49 Nepean Sea Road—Reclamation ...	3,053	...	3,053
50 Mazagaon Street ...	32,47,701	...	32,47,701
52 Worli Street ...	2,32,98,949	1,512	2,33,00,461
53 Foras Road ...	36,82,009	...	36,82,009
54 Kolbhatwadi ...	21,79,254	...	21,79,254
56 Dharavi Street ...	74,96,767	4,031	75,00,798
57 Sewri-Wadala ...	1,94,04,874	1,84,022	1,95,88,896
58 Worli-Extension ...	42,51,679	65.477	43,17,156
59 Sewri-Koliwada ...	5,50,563	...	5,50,563
60 Naigaum Street ...	75,37,624	11	75,37,635
61 Fergusson Road ...	15,68,030	...	15,68,030
62 Love Lane ...	16,18,731	...	16,18,731
66 Mahaluxmi ...	4,86,705	...	4,86,705
69 Widening of Byculla Bridge...	7,20,290	...	7,20,290
71 Chaupati Street ...	24,085	...	24,085
Chaupati Reclamation ...	1,889	...	1,889
East Chaupati Estate ...	4,380	...	4,380
72 Tripartite Road ...	1,19,141	43,598	1,62,739
73 Palton Road ...	2,62,344	...	2,62,344
74 Sion Overbridge ...	5,590	...	5,590
Lump Provision for Acquisition ...	6,136	...	6,136
Lump Provision for Housing Accommodation to the Poorer Classes ...	133	...	133
Carried forward ...	17,66,61,664	4,96,736	17,71,58,400

Particulars.	Total Capital Expenditure upto 31st March 1943.	Expenditure during 1943-44.	Total Capital Expenditure upto 31st March 1944.
	Rs.	Rs.	Rs.
Brought over ...	17,66,61,664	4,96,736	17,71,58,400
Police Accommodation Schemes.			
Scheme No.			
14 First Nagpada ...	84,450	...	84,450
16 Wodehouse Road ...	3,22,667	...	3,22,667
17 Duncan Road ...	58,981	...	58,981
18 Shepherd Road ...	36,223	...	36,223
19 Agripada ...	1,79,120	...	1,79,120
23 Connaught Road ...	79,495	...	79,495
24 Princess Street ...	2,65,953	...	2,65,953
25 Gamdevi ...	1,29,407	...	1,29,407
34 Lamington Road ...	4,61,024	...	4,61,024
35 Sandhurst Road West ...	1,46,104	...	1,46,104
39 Sandhurst Road East ...	7,58,893	...	7,58,893
40 Byculla ...	8,28,411	...	8,28,411
44 Maharbaudi ...	2,71,434	...	2,71,434
45 Palton Road ...	5,71,492	...	5,71,492
46 Naigaum ...	5,69,142	...	5,69,142
48 Mahim ...	4,53,032	...	4,53,032
55 Chinchbunder Road ...	4,32,656	...	4,32,656
55A Mazagaon ...	4,53,560	...	4,53,560
63 King's Circle (Matunga) ...	4,82,185	...	4,82,185
67 Naigaum (for Armed Police and Recruits) ...	24,42,031	...	24,42,031
70 Arthur Road ...	1,58,357	...	1,58,357
	91,84,617	...	91,84,617
Mill Company's Chawl Schemes.			
Scheme No.			
42 Spring Mills ...	5,18,990	...	5,18,990
51 Century Mills ...	1,29,980	...	1,29,980
65 David Mills ...	2,96,852	—	2,96,852
	9,45,822	...	9,45,822
Miscellaneous.			
Survey of the Island of Bombay...	1,06,046	...	1,06,046
Administrative Offices, etc.—			
Building on Esplanade Road near Queen's Statue ...	3,21,562	...	3,21,562
Engineer's Office at Matunga ...	1,38,468	...	1,38,468
Central Stores at the back of Frere Fletcher School ...	15,656	...	15,656
Store yard at Agripada, etc. ...	83,898	*Cr.* 97	83,801
Workshop for Motor Lorries at Agripada ...	90,368	...	90,368
Tools and Plant ...	559	...	559
Refund of preliminary expenses to Government ...	38,019	...	38,019
Preliminary expenses in connection with the Improvement of slum areas ...	68,816	...	68,816
	8,63,392	*Cr.* 97	8,63,295
Discount on Loans ...	14,53,359	...	14,53,359
Expenses in connection with the Loan of Rs. 10 lakhs ...	12,227	...	12,227
	14,65,586	...	14,65,586
Grand Total ...	18,91,21,081	* 4,96,639	18,96,17,720

* This figure includes Rs. 1,44,353 being the share of cost of Management and Establishment chargeable to Capital Account.

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 27.

IMPROVEMENT SCHEMES.

Statement showing Capital value of Scheduled Lands as specified in the Schedules W, X, Y and Z annexed to Act XIII of 1933.

Properties.	Area.	Book value.	Total amount.
SCHEDULE "W".	Sq. yds.	Rs.	Rs.
The Flats ...	12,52,834	1,14,191	
The Kennedy Sea Face ...	4,447	...	
(Cooperage Plot resumed by Government)			
The Marine Lines Estate ...	32,825	3,28,250	
(Marine Lines Maidan resumed by Government).			
The Wellington Lines Plot ...	44,038	4,40,380	
The Wodehouse Road Plot ...	41,580	4,15,800	
The Hornby Road Plot ...	41,774	8,35,480	
The Triangular Plot South of Crawford Market ...	7,707	1,54,140	
The Plot North of Municipal Offices ...	6,811	2,04,330	
The Chaupati West Estate ...	1,11,276	6,37,320	
The Chaupati East Estate ...	4,789	47,890	
The Parel Estate ...	30,804	99,000	32,76,781
SCHEDULE "X"			
The Connaught Road Estate ...	13,858	77,237	
The West Agripada Estate ...	2,27,971	6,64,534	
The Central Agripada Estate ...	2,911	10,528	
The East Agripada Estate ...	65,885	6,38,426	
The Lands at Matunga	86,187	90,984	14,81,709
SCHEDULE "Y".			
The Nepean Sea Road Plot ...	2,014		...
The Colaba Reclamation ...	46,580		...
SCHEDULE "Z".			
The Hornby Road Plot ...	3,250		......
			47,58,490

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Appendix No. 28.

IMPROVEMENT SCHEMES.

SINKING FUND.

Statement showing the actual Investments on account of the Sinking Fund of different Improvement Trust Loans upto 31st March 1944 compared with the amounts which should have accumulated upto that date on the basis of the fixed Instalments and the sums set aside as Sinking Fund as at 31st March 1944.

Name of Loan.	Amount raised.	When raised.	When repayable.	Amount of Half Yearly Sinking Fund Instalment.	Amount of Sinking Fund which should have accumulated upto 31st March 1944 at Compound Interest.
1	2	3	4	5	6
4½ per cent. basis.	Rs.			Rs.	Rs.
5 per cent. Debenture Loan ...	40,00,000	10th November 1919 ...	1st November 1957 ... / 1st November 1979 ...	6,696	5,68,306
6 Do. do. ...	(a) 70,00,000	30th April 1920 ...	1st April 1935 ... / 1st April 1980 ...	21,002	5,84,491
4½ Do. do. ...	45,00,000	20th February 1922 ...	20th February 1982 ...	7,533	5,56,395
4½ Do. do. ...	52,00,000	2nd October 1922 ...	2nd October 1982 ...	8,705	5,98,129
4½ Do. do. ...	8,00,000	22nd January 1923 ...	22nd January 1983 ...	1,340	92,070
4½ Do. do. ...	82,00,000	Do. ...	Do. ...	13,727	9,43,201
4½ Do. do. ...	30,00,000	14th March 1923 ...	14th March 1983 ...	5,022	3,45,069
4½ Do. do. ...	40,00,000	2nd November 1923 ...	2nd November 1983 ...	6,696	4,27,110
4½ Do. do. ...	20,00,000	2nd January 1924 ...	2nd January 1984 ...	3,348	2,13,556
4½ Do. do. ...	29,00,000	5th March 1924 ...	5th March 1984 ...	4,855	3,09,680
4½ Do. do. ...	20,00,000	1st November 1924 ...	1st November 1984 ...	3,348	1,97,784
4½ Do. do. ...	60,00,000	10th November 1924 ...	10th November 1984 ...	10,044	5,93,355
4½ Do. do. ...	20,00,000	2nd January 1925 ...	2nd January 1985 ...	3,348	1,97,784
4½ Do. do. ...	20,00,000	2nd October 1925 ...	2nd October 1985 ...	3,348	1,82,698
4½ Do. do. ...	15,00,000	2nd November 1925 ...	2nd November 1985 ...	2,511	1,37,026
4½ Do. do. ...	35,00,000	2nd January 1926 ...	2nd January 1986 ...	5,859	3,19,722
Rs.	5,86,00,000				62,66,376
4 per cent. basis.					
4 per cent. Rupee Coupon Debenture Loan	50,00,000	1st November 1899 ...	1st November 1959 ...	10,564	(b) 24,63,930
4 Do. Debenture Loan ...	30,00,000	6th September 1901 ...	6th September 1961 ...	6,280	13,43,085
4 Do. do. ...	30,00,000	15th July 1902 ...	15th July 1962 ...	6,280	12,78,739
4 Do. do. ...	60,00,000	20th August 1903 ...	20th August 1963 ...	12,560	24,33,777
4 Do. do. ...	50,00,000	7th September 1904 ...	7th September 1964 ...	10,493	(c) 19,28,338
4 Do. do. ...	30,00,000	12th September 1905 ...	12th September 1965 ...	6,280	11,00,304
5 Do. do. ...	25,00,000	17th September 1926 ...	16th September 1956 ... / 16th September 1986 ...	5,233	2,51,359
5½ Do. do. ...	25,00,000	4th November 1929 ...	1st November 1944 ...	5,233	1,93,887
Rs.	3,00,00,000				1,09,93,419
3½ per cent. basis.					
4 per cent. Debenture Loan Rs.	25,00,000	4th October 1927 ...	4th April 1961 ... / 4th October 1970 ...	12,695	5,38,422
3 per cent. basis.					
4 per cent. Debenture Loan ...	20,00,000	2nd October 1906 ...	2nd October 1966 ...	6,148	(d) 8,23,279
4 Do. do. ...	15,00,000	24th September 1907	24th September 1967 ...	4,610	5,90,435
4 Do. do. ...	30,00,000	8th September 1908 ...	8th September 1968 ...	9,219	11,28,071
4 per cent. Sterling Coupon Debenture Loan (£5,66,600) ...	84,99,000	1st July 1909 ...	1st July 1969 ...	25,654	30,67,453
4 Do. do. (£3,33,000) ...	49,95,000	1st July 1910 ...	1st July 1970 ...	15,077	17,20,384
4 per cent. Debenture Loan ...	25,00,000	28th August 1912 ...	28th August 1972 ...	7,683	7,77,042
4 Do. do. ...	18,00,000	26th August 1913 ...	26th August 1973 ...	5,532	5,32,258
4 Do. do. ...	50,00,000	4th August 1914 ...	4th August 1974 ...	15,365	14,04,916
4 Do. do. ...	25,00,000	3rd January 1916 ...	3rd January 1976 ...	7,683	6,66,865
3½ Do. do. ...	10,00,000	31st January 1936 ...	14th March 1966 ...	21,019	(e) 1,87,183
Rs.	3,27,94,000				1,08,97,886
Grand Total Rs. ...	12,38,94,000			Total Rs.	2,86,96,103

	Amount actually invested upto 31st March 1944.				Amount of interest accrued upto 31st March 1944 collected and invested in 1944-45	Total of Columns 5 and 6.
	Amount of Sinking Fund invested upto 31st March 1943.	Sinking Fund Instalments paid in 1943-44	Interest, etc. accumulations invested in 1943-44	Total.		
1	2	3	4	5	6	7
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Sinking Funds ...	3,10,38,865 12 2	5,80,959 0 0	13,99,907 8 0	3,30,19,732 4 2		
Less-withdrawn for repayment of Loans				...		
				3,30,19,732 4 2		
In Public Securities as detailed in Appendix No. 30 ...				3,30,19,601 3 0		
In Cash with the Imperial Bank of India.				131 1 2		
Total Rs. ...				3,30,19,732 4 2	1,22,650 6 3	3,31,42,382 10

(a) Out of Rs. 70 lakhs Loan Debentures for Rs. 4 lakhs held by the public were repaid on 1-4-35 under the option reserved to the Corporation, leaving balance of Rs. 66 lakhs. The amount of half-yearly Sinking Fund instalment has been changed with effect from 1-4-35 from Rs. 12,002 to Rs. 21,002 as under:—

The usual half-yearly S.F. instalment ...	Rs. 12,002
Half yearly interest at 4½% on the portion of Rs. 4 lakhs repaid out of S.F. accumulations ...	" 9,000
	Rs. 21,002

(b) 16 instalments of Rs. 10,240 each and the rest at Rs. 10,564.
(c) 5 instalments of Rs. 10,240 each and the rest at Rs. 10,493.
(d) 1 instalment of Rs 6,037 and the rest at Rs. 6,148.
(e) This amount to be invested annually.

J K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

Statement showing outstanding Loans of the Bombay Improvement Trust due by the payable for the year 1943-44, the amount paid during the year and the

No.	Particulars of Loans.	Amount raised.	Balance due on 1st April 1943.	Rate of Interest	Amount raised in 1943-44.	Total.
1	2	3	4	5	6	7
		Rs. a.	Rs. a. p.		Rs. a.	Rs. a. p.
	Loans raised from Government.					
1	Consolidation Loan in respect of Conversion Loan 1935-36, Rs. 35 lakhs Loan, and Rs. 8 lakhs Loan ...	4,17,94,178 1	3,82,94,092 2 0	3.3759 per cent.		3,82,94,092 2 0
2	45 lakhs Loan 1922 ...	45,00,000 0	19,90,787 0 0	4½ Do.		19,90,787 0 0
			25,09,213 0 0	4½ Do.		25,09,213 0 0
3	52 lakhs Loan October 1922 ...	52,00,000 0	76,09,213 0 0	5½ Do.		76,09,213 0 0
4	8 lakhs Loan 22nd January 1923 ...	8,00,000 0	95,90,787 0 0	4½ Do.		95,90,787 0 0
5	82 lakhs Loan 22nd January 1923 ...	82,00,000 0				
6	30 lakhs Loan 14th March 1923 ...	30,00,000 0				
7	40 lakhs Loan 2nd November 1923 ...	40,00,000 0	40,00,000 0 0	5½ Do.		40,00,000 0 0
8	20 lakhs Loan 2nd January 1924 ...	20,00,000 0	49,00,000 0 0	4½ Do.		49,00,000 0 0
9	29 lakhs Loan 5th March 1924 ...	29,00,000 0				
10	20 lakhs Loan 1st November 1924 ...	20,00,000 0	56,00,000 0 0	5 Do.		56,00,000 0 0
11	60 lakhs Loan 10th November 1924 ...	60,00,000 0	44,00,000 0 0	4½ Do.		44,00,000 0 0
12	20 lakhs Loan 2nd January 1925 ...	20,00,000 0				
13	20 lakhs Loan 2nd October 1925 ...	20,00,000 0	55,00,000 0 0	5½ Do.		55,00,000 0 0
14	15 lakhs Loan 2nd November 1925 ...	15,00,000 0	15,00,000 0 0	4½ Do		15,00,000 0 0
15	35 lakhs Loan 2nd January 1925 ...	35,00,000 0				
	Total loans raised from Government ...	8,93,94,178 1	8,58,94,092 2 0			8,58,94,092 2 0
	Loans raised from the public.					
1	50 lakhs Rupee Coupon Debenture Loan 1899 ...	50,00,000 0	50,00,000 0 0	4 per cent		50,00,000 0 0
2	30 lakhs Loan 1901 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
3	30 lakhs Loan 1902 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
4	60 lakhs Loan 1903 ...	60,00,000 0	60,00,000 0 0	4 Do.		60,00,000 0 0
5	50 lakhs Loan 1904 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
6	30 lakhs Loan 1905 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
7	20 lakhs Loan 1906 ...	20,00,000 0	20,00,000 0 0	4 Do.		20,00,000 0 0
8	15 lakhs Loan 1907 ...	15,00,000 0	15,00,000 0 0	4 Do.		15,00,000 0 0
9	30 lakhs Loan 1908 ...	30,00,000 0	30,00,000 0 0	4 Do.		30,00,000 0 0
10	Sterling Coupon Debenture Loan 1909 (£ 5,66,600) ...	84,99,000 0	84,99,000 0 0	4 Do.		84,99,000 0 0
11	Sterling Coupon Debenture Loan 1910 (£ 3,33,000) ...	49,95,000 0	49,95,000 0 0	4 Do.		49,95,000 0 0
12	25 lakhs Loan 1912 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
13	18 lakhs Loan 1913 ...	18,00,000 0	18,00,000 0 0	4 Do.		18,00,000 0 0
14	50 lakhs Loan 1914 ...	50,00,000 0	50,00,000 0 0	4 Do.		50,00,000 0 0
15	25 lakhs Loan 1916 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
16	40 lakhs Loan 1919 ...	40,00,000 0	40,00,000 0 0	5 Do.		40,00,000 0 0
17	70 lakhs Loan 1920 ...	70,00,000 0	66,00,000 0 0	6 Do.		66,00,000 0 0
18	25 lakhs Loan 1926 ...	25,00,000 0	25,00,000 0 0	5 Do.		25,00,000 0 0
19	25 lakhs Loan 1927 ...	25,00,000 0	25,00,000 0 0	4 Do.		25,00,000 0 0
20	25 lakhs Loan 1929 ...	25,00,000 0	25,00,000 0 0	5½ Do.		25,00,000 0 0
21	30 lakhs Loan 1931 ...	30,00,000 0	500 0 0	6½ Do.		500 0 0
22	10 lakhs Loan 1935 ...	10,00,000 0	10,00,000 0 0	3½ Do.		10,00,000 0 0
	Total Loans raised from the Public ...	7,92,94,000 0	7,58,94,500 0 0			7,58,94,500 0 0
	Grand Total ...	16,86,88,178 1	16,17,88,592 2 0			16,17,88,592 2 0

J. K. DARUVALA,
Chief Accountant.

No. 29.

SCHEMES.

Municipality, the interest outstanding on 1st April 1943, on the different Loans, the amount balances outstanding on 31st March 1944.

Amount repaid in 1943-44. 8	Balance due on 31st March 1944. 9	Interest outstanding on 1st April 1943. 10	Interest payable in 1943-44. 11	Total interest due. 12	Deduct interest paid during the year. 13	Outstanding balance on 31st March 1944. 14
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,07,585 13 0	3,77,86,506 5 0	...	12,88,522 3 0	12,88,522 3 0	12,88,522 3 0	...
...	18,24,888 0 0	... (a)	94,562 6 0	94,562 6 0	94,562 6 0	...
...	26,75,112 0 0	...	1,12,914 10 0	1,12,914 10 0	1,12,914 9 0	*0 1 0
...	69,75,112 0 0	... (b)	4,18,506 11 0	4,18,506 11 0	4,18,506 11 0	...
...	1,02,24,888 0 0	...	4,31,586 5 0	4,31,586 5 0	4,31,585 7 0	*0 14 0
...	37,00,000 0 0	... (c)	2,10,000 0 0	2,10,000 0 0	2,10,000 0 0	...
...	52,00,000 0 0	...	2,20,500 0 0	2,20,500 0 0	2,20,500 0 0	...
...	53,00,000 0 0	... (d)	2,80,000 0 0	2,80,000 0 0	2,80,000 0 0	...
...	47,00,000 0 0	...	1,98,000 0 0	1,98,000 0 0	1,98,000 0 0	...
...	53,00,000 0 0	... (e)	2,88,750 0 0	2,88,750 0 0	2,88,750 0 0	...
...	17,00,000 0 0		67,500 0 0	67,500 0 0	67,500 0 0	...
5,07,585 13 0	8,53,86,506 5 0	...	36,10,842 3 0	36,10,842 3 0	36,10,841 4 0	*0 15 0
...	50,00,000 0 0	3,548 15 4	2,00,000 0 0	2,03,548 15 4	1,98,190 0 0	5,358 15 4
...	30,00,000 0 0	1,813 13 10	1,20,000 0 0	1,21,813 13 10	1,19,927 15 0	1,885 14 10
...	30,00,000 0 0	5,162 15 6	1,20,000 0 0	1,25,162 15 6	1,21,338 5 0	3,824 10 6
...	60,00,000 0 0	6,626 3 4	2,40,000 0 0	2,46,626 3 4	2,40,111 12 0	6,514 7 4
...	50,00,000 0 0	10,105 6 6	2,00,000 0 0	2,10,105 6 6	1,98,775 4 0	11,330 2 6
...	30,00,000 0 0	2,131 14 4	1,20,000 0 0	1,22,131 14 4	1,20,165 3 0	1,966 11 4
...	20,00,000 0 0	1,649 3 2	80,000 0 0	81,649 3 2	79,486 4 0	2,162 15 2
...	15,00,000 0 0	3,555 5 0	60,000 0 0	63,555 5 0	60,970 15 0	2,584 6 0
...	30,00,000 0 0	3,133 7 0	1,20,000 0 0	1,23,133 7 0	1,19,407 12 0	3,725 11 0
...	84,99,000 0 0	8,300 0 0	3,06,442 0 0	3,14,742 0 0	3,06,152 2 8	4,860 0 0 *3,729 13 4
...	49,95,000 0 0	220 0 0	1,80,102 0 0	1,80,322 0 0	1,77,908 14 0	220 0 0 *2,193 2 0
...	25,00,000 0 0	2,501 2 8	1,00,000 0 0	1,02,501 2 8	99,552 14 0	2,948 4 8
...	18,00,000 0 0	23,253 3 0	72,000 0 0	95,253 3 0	92,325 2 0	2,928 1 0
...	50,00,000 0 0	2,673 7 0	2,00,000 0 0	2,02,673 7 0	1,99,811 8 0	2,861 15 0
...	25,00,000 0 0	...	1,00,000 0 0	1,00,000 0 0	1,00,000 0 0	...
...	40,00,000 0 0	675 0 0	2,00,000 0 0	2,00,675 0 0	1,96,100 0 0	4,575 0 0
...	66,00,000 0 0	...	3,96,000 0 0	3,96,000 0 0	3,96,000 0 0	...
...	25,00,000 0 0	125 0 0	1,25,000 0 0	1,25,125 0 0	1,25,100 0 0	25 0 0
...	25,00,000 0 0	4,445 5 0	1,00,000 0 0	1,04,445 5 0	98,165 5 0	6,280 0 0
...	25,00,000 0 0	12,934 2 0	1,37,500 0 0	1,50,434 2 0	1,46,961 2 0	3,473 0 0
A 500 0 0	...	189 9 4	...	189 9 4	...	*189 9 4
...	10,00,000 0 0	35,000 0 0	35,000 0 0	70,000 0 0	52,500 0 0	17,500 0 0
500 0 0	7,58,94,000 0 0	1,28,044 1 0	32,12,044 0 0	33,40,088 1 0	32,48,950 5 8	85,025 2 8 *6,112 8 8
5,08,085 13 0	16,12,80,506 5 0	1,28,044 1 0	68,22,886 3 0	69,50,930 4 0	68,59,791 9 8	85,025 2 8 *6,113 7 8

A—As the debenture in respect of this Loan remained unpaid more than six years from the date fixed for its re-payment the amount thereof has been credited to the revenue.

* To be treated as savings.

	Amount of loan outstanding on 1st April 1943.	Amount of debentures held by Govt. on 1st April 1943.	Amount of debentures re-purchased during 1943-44.	Amount of debentures held by Govt. on 31st March 1944.	Amount of debentures held by the Corporation on 31st March 1944.
	Rs.	Rs.	Rs.	Rs.	Rs.
(a)	45,00,000	19,90,787	1,65,899	18,24,888	26,75,112
(b)	1,72,00,000	76,09,213	6,34,101	69,75,112	1,02,24,888
(c)	89,00,000	40,00,000	3,00,000	37,00,000	52,00,000
(d)	1,00,00,000	56,00,000	3,00,000	53,00,000	47,00,000
(e)	70,00,000	55,00,000	2,00,000	53,00,000	17,00,000
Total ...	4,76,00,000	2,47,00,000	16,00,000	2,31,00,000	2,45,00,000

M. D. BHAT,
Municipal Commissioner.

Appendix No. 30.

IMPROVEMENT SCHEMES.

Comparison of Face, Purchase and Market Values at 31st March 1944 of the different Securities held in the Sinking Fund (vide para 32 of the Chief Accountant's Report).

Particulars of Securities.	Face Value.	Book Value.	Market rate per cent.	Value at Market rates (B. I. Trust and Municipal Debentures being valued at par)
	Rs.	Rs. a. p.	Rs. a. p.	Rs. a. p.
3½ per cent. Government Loan 1947-50 ...	3,29,600	3,21,390 0 0	103 0 0	3,39,488 0 0
4 per cent. Government Loan 1960-70 ...	7,23,500	7,00,156 11 0	112 8 0	8,13,937 8 0
3 per cent. Government Loan 1963-65	4,02,300	3,94,254 0 0	98 5 0	3,95,511 3 0
4 per cent. Bombay Port Trust Debentures ...	3,17,000	2,84,726 14 0	113 8 0	3,59,795 0 0
4 per cent. Bombay Municipal Debentures ...	500	486 4 0	Par	500 0 0
4 per cent. Bombay Improvement Trust Debentures ...	29,92,800	27,74,952 12 0	"	29,92,800 0 0
4½ per cent. Bombay Improvement Trust Debentures	2,29,00,000	2,29,00,000 0 0	"	2,29,00,000 0 0
5 per cent. Bombay Improvement Trust Debentures ...	9,81,500	9,05,409 10 0	"	9,81,500 0 0
6 per cent. Bombay Improvement Trust Debentures ...	21,69,000	21,85,725 0 0	"	21,69,000 0 0
3½ per cent. Bombay Municipal Debentures ...	1,69,900	1,69,900 0 0	"	1,69,900 0 0
3 per cent. Bombay Municipal Debentures ...	10,20,600	10,20,600 0 0	"	10,20,600 0 0
4 per cent. B. I. Trust Sterling Debentures ...	£90,800	13,62,000 0 0	Par at 1/5 s d 31/32	12,12,772 2 9
Total	Rs. 3,20,06,700 £ 90,800	3,30,19,601 3 0		3,33,55,803 13 9

J. K. DARUVALA,
Chief Accountant.

M. D. BHAT,
Municipal Commissioner.

ASSESSMENT & COLLECTION DEPARTMENT.

Bombay, 30th June 1944.

Subject :—*Administration Report for the year 1943-44.*

Rates of Taxation.—The rates of taxation on lands and buildings continued to be the same as in the preceding year, *viz.*, general tax (including fire tax) 11½ per cent., water tax 3¾ per cent., and halalkhor tax 3 per cent. The rates charged for the supply of water by meter measurement also continued to be the same as in the previous year, and varied from As. 10 to Re. 1 per 1,000 gallons according to different classes of properties.

Properties.—The total number of properties on 31st March 1944 was 49,016, *viz.*, (1) buildings 40,042, (2) salt pans 74, and (3) lands including tanks, well, etc., 8,900, as against 48,967 on 31st March 1943. Out of the aforesaid properties, 39,549 were assessed to general tax, 1,608 were exempted from it under Section 143(1)(*a*) of the Municipal Act and 6, 776 (including 3,378 municipal plots) were not taxed, being small plots of waste lands etc. The last do not include vacant lands belonging to Government, which are not assessable unless beneficially occupied, and lands belonging to the Port Trust or the Railways, which are separately assessed. The number of municipal properties exempted from general tax under Section 143(1)(*b*) of the Municipal Act during the year was 1,083.

Properties newly erected, demolished and enlarged in 1943-44 numbered 838, 267 and 698 respectively the corresponding figures for the year 1942-43 being 701, 373 and 594. The number of single-room tenements-double-room tenements and flats or blocks in the City on 31st March 1944 was 2,47,258, 49,632 and 38,674 respectively.

Rateable value :—The rateable value of all properties in the City on 31st March 1944 was Rs. 15,93,54,514 against Rs. 14,63,63,848 on 31st March 1943. In 152 cases the rateable value increased by more than Rs. 2,000 net p. a.

Vehicles and Animals.—Particulars of vehicles and animals taxed during the year (exclusive of those taxed under the Public Conveyances Act) are as under :—

	Number.		Number.
Four-wheeled vehicles drawn by animals ...	333	Motor cycles ...	322
Two-wheeled vehicles drawn by animals ...	869	Motor cycles with side-cars ...	111
Motor cars (including 1047 taxis) ...	9,579	Hand-carts ...	7,814
Motor lorries ...	2,341	Ponies ...	13
Horses (including those in commission stables).	1,024	Bullocks ...	1,525

Vehicles and animals taxed under the Public Conveyances Act are as follows :—

	Number
Hack victorias (including 2 horses for each) ...	2,138
Labour carts (with a pair of bullocks) ...	1,011
Hand-carts ...	16

Bills.—The total number of bills in respect of property taxes and wheel tax issued during the year was 86,485 and 87,087, respectively, of which 83,347 and 78,823, respectively were for 1943-44 and 3,138 and 8,264, respectively, for previous years.

Total Demand, Collection and Outstandings of all Taxes for the year 1943-44 as compared with the two previous years.

(*Annas and pies are omitted. Amounts above annas 8 are taken as full rupees and those below annas 8 are omitted*).

Particulars.	Total gross demand.	Total Net demand (after allowing drawback and amending and cancelling certain bills).	Collection during 1943-44.	Percentage.	Amount outstanding on 31st March 1944.	Percentage.
	Rs.	Rs.	Rs.		Rs.	
(1) Property Taxes ...	3,57,84,297	3,40,28,614	3,15,33,473	92.6	24,95,141	7.3
(2) Wheel-tax ...	17,78,031	17,15,915	13,75,696	80.1	3,40,219	19.9
1943-44 ...	3,75,62,328	3,57,44,529	3,29,09,169	92.1	28,35,360	7.9
1942-43 ...	3,46,00,977	3,38,20,226	3,00,00,410	88.7	38,19,816	11.3
1941-42 ...	3,31,32,640	3,24,84,301	2,85,24,672	87.8	39,59,628	12.2

The percentage of recovery to the total demand during the year *viz.*, 92.1 compares favourably with that of 87.4 in Calcutta (1939-40*), of 89.3 in Madras (1938-39*) of 85.8 in Karachi (1941-42*) and comes close to the percentage in England, which is reported to be about 95.

Particulars of Outstandings.—The outstandings which at the end of the year under report amounted to Rs. 28,35,360-3-3 stood reduced to Rs. 16,89,090-6-6 on 16th June 1944 as shown below, an amount of Rs. 8,42,357-0-9 having been collected and bills for Rs. 3,03,912-12-0 having been recalled and cancelled, which brings down the percentage of outstandings to 4.7.

Particulars.		Amount outstanding on 31st March 1944.	Amount recovered up to 15th June 1944.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(1) (*a*) Government contribution (sum in lieu of general tax from 1934-35 to 1943-44 under Section 144) ...	2,86,494 1 0		
(*b*) Government (Property Taxes) ...	87,908 10 0	3,74,402 11 0	53,926 1 0
(2) Bombay Port Trust ...		27,443 10 0	...
(3) Bombay Municipal Corporation (Improvements) ...		61,659 12 0	21,414 8 0
(4) G. I. P. Railway ...		47,883 2 0	32,519 6 0
(5) B. B. & C. I. Railway ...		90,052 2 0	53,196 2 0
(6) Mills ...		1,68,957 10 0	84,858 4 0
(7) Other ratepayers ...		20,64,961 4 3	5,96,442 14 9
Total ...		28,35,360 3 3	8,42,357 0 9

As regards 1(*a*), the amount outstanding represents the sum in lieu of general tax payable by Government in respect of Police and Military Hospitals. The matter is under correspondence with Government. As regards 1(*b*), bills amounting to Rs. 7,299-12-0 have since been cancelled and the balance of Rs. 26,682-13-0 is expected to be received shortly. As regards (2), the disputes raised by the Bombay Port Trust are being settled and the outstanding amount is expected to be received on the presentation of the amended bills. As regards (3), the balance of Rs. 40,245-4-0 is in respect of newly erected military structures on Bombay Municipal Corporation (Improvement) plots and the matter is under correspondence with the Estate Agent and Land Manager. As regards (4), the balance of Rs. 15,363-12-0 is under dispute. It is beingsettled by the Hydraulic Engineer as it pertains to water charges. As regards (5), out of the balance of Rs. 36,856-0-0, Rs. 974-15-0 are under dispute. The remaining amount of Rs. 35,881-1-0 is expected to be received shortly. As regards (6), out of the outstandings of Rs. 84,099-6-0, Rs. 63,932-5-0 received on account are held in deposit and will be adjusted after disposal of complaints. The balance due is expected to be received shortly. As regards (7), out of Rs. 20,64,961-4-3 shown as outstanding against private rate-payers, a sum of about Rs. 1,50,000 is in respect of suits filed or being filed and about Rs. 87,000 are payable by the Court Receiver and the Official Assignee. As a result of additions and alterations to several properties in the latter part of the year, amended bills to the extent of Rs. 10,50,000 were issued as late as March 1944, and for want of time, they could not be recovered before the close of the year. This fact has tended to inflate the outstandings. The outstandings against private rate-payers within the control of the staff at the end of the year were Rs. 7,77,961-4-3 against the demand of about Rs. 2,58,00,000 made against them, which comes to only 3.02 per cent. This percentage stands reduced to 2.17 if the total demand *viz.*, Rs. 3,57,44,529 were taken into consideration, as against 4.9 per cent. and 3.2 per cent. respectively last year.

Miscellaneous Receipts.—Miscellaneous receipts realised from notices of demand, distress warrants, battaki fees, inspection fees and other items amounted to Rs. 11,358-11-6, against Rs. 10,295-3-8 in the preceding year. The number of notices of demand issued and served and distress warrants issued and executed during the year was 8,355 ; 5,227 ; 1,923 and 18, respectively.

Meter Hire.—Receipts from meter hire amounted to Rs. 73,747-12-0 against Rs. 73,709-4-0 for 1942-43, and Rs. 3,621-0-0 remained to be collected at the close of the year.

Exemption.—The amount of full exemption allowed in respect of general tax on properties entitled to such exemption under Sections 143 (1-*a*) and (1-*b*) and the amount of partial exemption under Sections 144(3) and 145(3) were equivalent to Rs. 11,30,444-7-0 against Rs. 9,98,232-13-0 during 1942-43.

Drawback and Refund.—The following statements show the particulars of drawback and refund claims dealt with during the year and the preceding two years :—

Draw Back.

Year	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount of draw-back allowed.
						Rs. a. p.
1943-44 ...	6,938	2,616	37.7	4,322	62.3	1,67,928 10 0
1942-43 ...	11,885	6,215	52.3	5,670	47.7	3,44,823 3 0
1941-42 ...	10,959	6,326	57.7	4,633	42.3	3,94,850 2 0

Refund.

Year	No. of claims received.	No. of claims admitted.	Percentage.	No. of claims rejected.	Percentage.	Amount
						Rs. a. p.
1943-44 ...	4,448	3,006	67.5	1,442	32.5	4,00,422 6 0
1942-43 ...	8,823	6,025	68.3	2,798	31.7	1,97,240 5 0
1941-42 ...	9,136	6,454	70.6	2,682	29.4	5,05,320 5 0

Complaints and Appeals against Valuations.—There were 565 complaints under Section 167 of the Act against assessments amounting to Rs. 1,52,99,659 net, fixed during the currency of the year, and 2,497 complaints under Section 163 against original assessments amounting to Rs. 2,61,42,607 net. The assessments were, on investigation of the complaints, reduced to Rs. 1,26,38,308 and Rs. 2,54,81,424, respectively, the reduction amounting to Rs. 26,61,351 and Rs. 6,61,183 giving a percentage of 17.4 and 2.5 respectively.

There were 39 appeals against rateable values under Section 162(2) of the Municipal Act. Out of these 9 appeals were settled out of Court, 2 were dismissed and in 11 the Court partly reduced the values, and 17 were pending at the close of the year.

Riot Tax.—The total amount of riot tax collected during the year in respect of the various riots referred to in statement 'C' was Rs. 78,646-6-11.

The U.I.P. Tax.—The rates of taxation in the case of buildings and lands in the City of which the rateable values were not less than Rs. 2,000 each and in the case of buildings and lands of which the rateable values were less than Rs. 2,000 but not less than Rs. 500 each continued to be the same as in the preceding year *viz.*, $7\frac{3}{4}$ per cent and $3\frac{5}{8}$ per cent respectively. Properties having value of less than Rs. 500 p. a. continued to enjoy exemption. The net demand in respect of the tax was Rs. 1,00,92,526-8-6, collection Rs. 93,21,316-5-0, refund Rs. 6,60,192-2-0 and drawback Rs. 1,18,327-14-0. The collection of the U. I. P. Tax during the year amounted to about 92.4 per cent. of the demand as against 92.3 per cent in the preceding year.

House Numbering.—During the year, bills in respect of house numbering plates amounting to Rs. 321-12-0 were recovered and those amounting to Rs. 70 remained to be collected.

General Remarks.—The outstanding event of the year was the revision of the rateable values of textile and silk mills in the City, as a result of which the aggregate rateable value of the mills was increased by agreement with the Mill-owners' Association, from Rs. 61,47,272 to Rs. 90,85,391, showing an increase of 47.8 per cent. The revision of owner occupied properties was also taken in hand systematically and the values of a large number of bungalows on Malbar and Cumballa Hills were revised giving a rise, in complaints so far disposed of, of about 46 per cent.

A large number of bullock carts and hand-carts which had escaped taxation were rounded up and taxed, as a result of which tax aggregating to about Rs. 58,330 was collected during the year.

During the year, an arrangement was arrived at with the Royal Western India Turf Club for recovery of the tax on Race horses, as it was found that direct recovery had lent itself to a number of difficulties and leakage

of revenue. This arrangement was approved by Standing Committee Resolution No. 1729, dated the 2nd February 1944 and by Corporation Resolution No. 1050, dated the 10th February 1944. As a result of this arrangement, 850 Race horses came to be charged during the year as against about 650 previously charged yielding an extra revenue of about Rs. 2,700.

In order to co-ordinate the work of issuing of bills and maintaining of accounts and carrying on correspondence with regard to the recovery of wheel tax and expedite the recovery, the motor branch was constituted into an independent unit with effect from the 4th May 1943. This resulted in more vehicles being charged and increase in revenue by about Rs. 3 lacs. The branch is, however, understaffed and still bettter results can be obtained by suitably strengthening the staff.

Both the outdoor and indoor staff worked with commendable zeal and energy.

L. S. KAGAL,
Assessor and Collector.

STATEMENT 'A'.

Rateable Value with the gross return of the property taxes.

(In lakhs of Rupees)

Year.	Net Rateable Value.	General Tax		Water Tax including water charges by meter measurement.		Halalkhor Tax.		Total of taxes.
		Rate.	Return.	Rate.	Return.	Rate.	Return.	
		Percent	Rs.	Percent	Rs.	Percent	Rs.	Rs.
1939-40	1397.61	11½	150.91	3¾	78.23	3	37.51	266.65
1940-41	1414.61	,,	152.77	,,	80.07	,,	38.09	270.93
1941-42	1427.66	,,	154.25	,,	86.84	,,	38.56	279.65
1942-43	1463.63	,,	158.32	,,	92.65	,,	39.63	290.60
1943-44	1593.54	,,	171.90	,,	102.87	,,	43.27	318.04

STATEMENT 'B'

Growth of Assessment during the past five years (in lakhs of Rupees).

Year.	Original Assessment Rateable Value, as fixed on 20th December.	Assessment after disposal of complaints & accounting for T. W. Rs. from December to February.	Amount of subsequent reduction during the year by demolitions and on complaints.	Subsequent enhancement New buildings, &c., enlargement & other assessment.	Final Assessment Rateable Value.	Increase Final difference over preceding year's assessment.	Classification of Rateable Value.		
							Chargeable to General Tax.	Exempted from General tax under Sec. 143 (1) (*a*) & (*b*) etc.	For which no bills for General Tax are issued.
1939-40	1344.85	1361.99	21.32	56.94	1397.61	48.92	1312.95	84.58	.08
1940-41	1385.06	1402.88	26.53	38.26	1414.61	17.00	1328.43	86.08	.10
1941-42	1415.86	1411.14	13.96	30.48	1427.66	13.05	1341.33	86.26	.07
1942-43	1431.99	1442.65	11.61	32.59	1463.63	35.97	1376.77	86.80	.06
1943-44	1461.70	1531.39	27.77	89.92	1593.54	129.91	1494.83	98.22	.49

STATEMENT 'C'

Statement showing particulars of different Riot Taxes.

Particulars.	Amount Awarded.	Amount Collected upto 31st March 1944.	Difference.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
Riot Tax No. V.— Communal Riots of 1929 ...	7,54,710 0 0	6,93,046 13 0	−61,663 3 0
Riot Tax No. VI— Bhendy Bazar Riots of 1930 ...	10,877 0 0	8,096 8 0	−2,780 8 0
Riot Tax No. VII— Kalbadevi Riots of 1930 ...	10,000 0 0	8,436 8 0	−1,563 8 0
Riot Tax No. VIII— Mogal Mahomedan Riots of 1931 ...	11,232 0 0	11,166 14 0	− 65 2 0
Riot Tax No. X— Communal Riots of 1932 ...	20,45,761 0 0	19,85,206 5 4	−60,554 10 8
Riot Tax No. XI— Northbrook Garden Riots of 1933 ...	17,000 0 0	16,797 6 8	− 202 9 4
Riot Tax No. XII— Communal Riots of 1936 ...	5,63,442 8 0	5,48,328 13 6	−15,113 10 6
Riot Tax No. XIII— Communal Riots of 1937 ...	55,610 0 0	54,637 12 3	−972 3 9
Riot Tax No. XIV— Communal Riots of 1938 ...	66,000 0 0	66,754 14 9	+ 754 14 9
Riot Tax No. XV— Communal Riots of 1941 ...	4,00,358 0 0	4,11,032 8 0	+10,674 8 0
Total ...	39,34,990 8 0	38,03,504 7 6	−1,31,486 0 6

ELECTION AND TOWN DUTY. (Department)

—————: o :—————

Subject : *Administration Report for the year 1943-44.*

Town Duty Section.

The undersigned was in charge of the Department throughout the year.

2. The rates of town duties during the year continued to be the same as in the previous year, *i.e.*, at the maximum rates mentioned in Schedule 'H'.

3. The gross realisations on account of town duties, refunds allowed in accordance with the provisions of Section 195 of the Municipal Act and the net receipts are shown in Appendix 'A'. For the sake of comparison, the gross collections and refunds during the year and those in the preceding year are given below:—

		1942-43	1943-44
		Rs.	Rs.
Gross collections	...	24,02,652	20,73,748
Refunds	...	8,56,317	3,83,482
Net Revenue	...	15,46,335	16,90,266

4. There was an increase in the receipts from Grain, Wines and Spirits and Timber but a considerable reduction in the receipts from Ghee.

5. The total number of claims for refund received during the year was 5,880 and the amount refunded was Rs. 3,83,482 against 14,394 claims and Rs. 8,56,317 refunded in the preceding year.

6. During the year 5,26,017 packages of Sugar, Jaggery and Molasses were stamped with municipal marks and 12,198 packages of Ghee and ghee substitutes were sealed against 9,20,946 and 43,093 packages respectively in the previous year.

7. The fees for the stamping of sugar bags and the sealing of ghee tins and cases amounted to Rs. 25,872 against Rs. 48,708 in the previous year.

8. The town duties collected by this Department on goods coming into the City along Sion, Mahim and Chembur Causeways amounted to Rs. 1,86,881 as against Rs. 1,26,348 in the previous year.

9. The town duty on Timber was heretofore being recovered by our agents on the values declared by the importers which were often very low. I have therefore prepared a table showing the prices of different kinds of timber by sizes and town duty is now being levied accordingly. It is expected that this will, in due course, result in a substantial increase in the receipts from Timber.

10. The proposal of the Corporation to amend Schedule 'H' so as to enable them to levy town duties on certain additional articles is still pending with Government, awaiting consideration by the Legislature on the restoration of Provincial Autonomy.

Election Section.

In accordance with the provisions of Section 19 of the Municipal Act, the municipal Election Roll was revised and published as required by Section 20 on 20th December 1943. The total number of voters enrolled in the 19 Wards was 3,08,467.

2. The Roll of Delegates as contemplated by Section 21-A was prepared and published on the due date. In all 3 Unions responded to the letters addressed to the Unions for electing delegates. The Roll published contains 75 names of delegates.

3. During the year 18 Casual Vacancies in the Office of Councillors from the General Wards and one Vacancy in the Office of Councillor from the Indian Merchants' Chamber occurred. The vacancies weere filled up as shown below :—

Serial No.	Ward No.	Vacancy.	Name of the Candidate returned.
1	18	Mr. Raghunath Shivram Nimbker	
2	The Indian Merchants' Chamber.	Mr. Bhawanji A. Khimji, M.L.A. ...	Mr. Nandvadan Jhaverilal Gor, B.A., LL.B.
3	2	Mr. Soondardas Morarjee.	Re-elected.
4	5	Mr. Yusufali J. Meherally ...	
5	6	Mr. Ganpatishankar Naranji Desai ...	
6	6	Mr. Manilal Jaimalbhai Seth ...	
7	6	Mr. Ratilal Mulji Gandhi, B.A., M.L.C. ...	
8	7	Mr. Rajaram Balkrishna Raut ...	
9	8	Mr. Dattatraya Ramchandra Gharpure, M.A., B.Sc. ...	
10	9	Mr. Nagindas Tribhuvandas Master, B.A., LL.B., M.L.A. ...	
11	9	Mr. Sadashiv Kanoji Patil, M.L.A. ...	
12	11	Mr. Keshao Laxman Borkar ...	
13	12	Mr. Sayaji Lakshman Silam, B.A., LL.B. ...	
14	16	Mr. B. N. Maheshwari ...	
15	17	Dr. Trimbak Ramchandra Naravane, B.A., A.V.V. (T.U.), L.M. (Rot), Z.G.S. (Vienna). ...	
16	18	Mr. Ishwarbhai Somabhai Patel	
17	19	Mr. Ashoka Ranjitram Mehta ...	
18	2	Dr. M. D. D. Gilder, M.D., F.R.C.S., M.L.A. ...	
19	3	Dr. Poonsey Hirji Mesheri, L.M. & S., J.P. ...	
		...	Mr. Pannalal Maneklal Chinai.

4. In the By-Elections for Wards Nos. 5, 9, 11, 12, 17 and 18 there were 41 cases of inpersonationm In 34 cases the accused were fined. Two are kept on dormant file.

5. *Adult Franchise.*—The preliminary work in connection with the preparation of the municipal Election Roll to be compiled for the General Elections contempleted to be held in 1945 on the basis of adult franchise was undertaken by this Department in the month of January 1944. But the Government of Bombay decided that the term of the Bombay Municipal Corporation should be extended for two years more and that General Elections should not be held in 1945. They consider that as the measure of adult franchise passed in peace time, is a far reaching innovation and a political experiment, the proper time to introduce it will be when conditions become normal.

6. During the year, the expenditure on the revision of the Electoral Roll etc., was Rs. 31,667-12-0. The printing of Addenda and Corrigenda cost Rs. 9,823-5-0 and the expenditure for making arrangements for holding the By-Elections amounted to about Rs. 40,000.

Appendix 'A'

Statement showing the Collections, Refunds and net Revenue from Town Duties for the years 1942-43 and 1943-44.

	COLLECTIONS.				REFUNDS.				NET REVENUE.			
	1942-43.	1943-44.	Increase in 1943-44.	Decrease in 1943-44.	1942-43.	1943-44.	Increase in 1943-44.	Decrease in 1943-44.	1942-43.	1943-44.	Increase in 1943-44.	Decrease in 1943-44.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Grain at 8 pies per maund.	5,99,564	6,82,815	83,251	...	1,81,111	1,29,693	...	51,418	4,01,014	5,46,575	1,45,561	...
Flour at 6 pies per maund.	6,535	396	...	6,139	23,974	6,943	...	17,031				
Sugar at 8 annas per Cwt.	11,58,681	7,67,213	...	3,91,468	5,98,665	2,11,116	...	3,87,549	5,60,016	5,56,097	...	3,919
Wines and Spirits at 4 annas per Imperial gallon.	1,19,412	1,42,626	23,214	...	23,289	13,423	...	9,866	96,123	1,29,203	33,080	...
Beer at 6 pies per Imperial gallon.	14,782	6,033	...	8,749	9,165	2,340	...	6,825	5,617	3,693	...	1,924
Ghee at 10 annas per Qr.	2,62,746	1,68,406	...	94,340	11,089	10,831	...	258	2,51,657	1,57,575	...	94,082
Ghee substitutes at 10 annas per Qr.	7,116	2,699	...	4,417	2,462	582	...	1,880	4,654	2,117	...	2,537
Timber at 2½ per cent. on the market value.	1,87,208	2,49,425	62,217	...	6,562	8,554	1,992	...	1,80,646	2,40,871	60,225	...
Firewood at 6 annas per ton.	46,432	54,081	7,649	...	...	...	...	...	46,432	54,081	7,649	...
Miscellaneous	176	54	...	122	...	...	...	...	176	54	...	122
			1,76,331	5,05,235 —1,76,331			1,992	4,74,827 — 1,992			2,46,515 — 1,02,584	1,02,584
Total Rs. ...	24,02,652	20,73,748		3,28,904	8,56,317	3,83,482		4,72,835	15,46,335	16,90,266	1,43,931	

K. R. KELKAR,

Election and Town Duty Officer.

CITY ENGINEER'S DEPARTMENT.

I.—ARCHITECTURAL BRANCH.

Upkeep and Maintenance of Municipal and Ex-Trust Buildings.

REPAIRS SECTION.

The total number of Municipal and Ex-Trust properties maintained during the year was 2,271 against 2,195 maintained in the previous year. The increase is due to construction of additional public conveniences, semi-permanent structures such as gymnasiums, etc. 15 buildings which were found to be in an unsound condition and required to be pulled down for development schemes were sold for demolition and the sale proceeds realised in respect of them amounted to Rs. 9,299-7-0. The upkeep and maintenance of these buildings were carried out partly by contract and partly through departmental agency. For this purpose the City has been divided into two Divisions—Division No. I comprising A, B, C, D and E/East Wards and Division No. II comprising E/West, F and G Wards including Bandra Slaughter House. Messrs. E. Kadar & Co. and Messrs. Nirmala & Co. were the contractors during the year under report for carrying out repairs and petty works excluding monsoon repairs to the properties in Division No. I and II at 22 per cent. and 21 per cent. premium above schedule rates and the total amount paid to them for the Contracts were Rs. 28,010 and Rs. 52,750 respectively.

Monsoon repairs and lime-washing.

Monsoon repairs as well as the work of lime-washing in respect all the properies were carried out, departmentally as was done last year and the results obtained were highly satisfactory both financially as well as, from the point of workmanship. The total cost involved on this work amounted to Rs. 537.90.

Urgent works executed departmentally.

Apart from carrying out the works of repairs and maintenance through the petty works contractors, several urgent works and those which could be carried out more economically were executed departmetally, the total cost of these works being Rs. 3,17,750.

The total budget grant under the control of this Branch was Rs. 15,25,797 as per details given below:—

Budget Grant and Expenditure.

Revenue Budget 'A'	... ...	Rs. 4,71,583
Revenue Budget 'B'	... ...	Rs. 5,57,910
Loan Works Budget 'A' and 'B'	...	Rs. 4,96,304
Total Rs.	...	Rs. 15,25,797

Against this the actual expenditure during the year amounted to Rs. 8,11,954 which works out to 53.2 per cent. of the total budget grant under the control of this Branch, the lower percentage being due to the scarcity of building materials due to war.

New Works.

New Works estimated at Rs. 69,012 were carried out during the year under report through the petty works contractors as well as through departmental agency. The expenditure booked during the year amounted to Rs. 17,398 as shown in Statement 'A'.

Special Repairs Works.

Special repairs works estimated at Rs. 25,605 were carried out during the year under report through the petty works contractors as well as through departmental agency. The expenditure booked during the year amounted to Rs.12,943 as shown in Statement 'B'.

CONSTRUCTION SECTION.

Loan Works.

Loan works estimated at Rs. 5,50,837 were carried out during the year under report through the contractors as well as through departmental agency. The expenditure booked during the year amounted to Rs. 1,37,737 as shown in Statement 'C'.

General Remarks.

On account of the high cost of materials and the difficulty of obtaining them, provision was made in the budget for carrying out only a small number of urgent works. As the constructional cost remained at a high level throughout the year, it was considered advisable to curtail to a certain extent even this small number of works and accordingly some of the works to be carried out at the K. E. M. Hospital, R. P. T. B. Hospital at Sewri, A. C. Market and Bandra Slaughter House were deferred. Similarly some of the new works that were provided for could not be carried out and had to be deferred for the same reasons.

EMERGENCY WORK.

There was an outbreak of small-pox epidemic during the closing months of the year and with a view to provide additional accommodation at the Arthur Road Hospital, construction of two semi-permanent wards, roughly estimated to cost Rs. 60,000 was sanctioned by the Municipal Commissioner under Section 64(3)(c) of the Municipal Act. Two Municipal Contractors, *viz.*, Mr. F. E. Cooper and Mr. J. B. Bankar were entrusted with the work of one ward each and the work was completed by the end of the year and the accounts are being adjusted.

No provision for further S. P. rooms at Sion, Palton Road, Naigaum, Gowari, Wadala, etc., could be made in the Budget 'B' Capital Accounts for the year on account of high prices of materils.

DESIGN AND DRAWING SECTION.

Preparation of Plans and Estimates.

69 plans and 52 estimates amounting to Rs. 21,94,439 for Loan Works such as works at the K. E. M. and Arthur Road Hospitals, Worli and the A. C. Market, chawls at Bapty Road and Palton Road, etc., were prepared by the Design and Drawing Section. 47 samples of cement and 6 samples of bricks were also tested. 1,778 estimates for works including new works and works of special repairs were prepared by the Repairs Section during the year under report and forwarded to the departments concerned. The estimated cost amounted to Rs. 34,98,389.

Civil Defence Works.

No major structural civil defence work was carried out during the year. Owing to improvement in the war situation, the work of demolishing some of the blast walls was taken in hand during the latter part of the year and the same is in progress.

STATEMENT 'A'

Statement showing the works provided for in the Budget under **New Works.**

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1943-44.	REMARKS.
		Rs.	Rs.	
1	Paving the ground with cement concrete in the godown at the Central Stores at DeLisle Road.	3,565	3,499	Complete.
2	Construction of two cross Roads at the Hindu Cemetery at Haines Road	1,691	1,412	One road was only constructed within the Budget provision.
3	Providing iron bars to the windows and expanded metal to the shutters at the nurses' new quarters at the Bellasis Road Maternity Home.	464	319	Complete.
4	Converting European pattern W.C. into Indian one at the Medical Officer's and nurses' quarters at Bellasis Road Maternity Home.	300	220	Complete.
5	Providing cement concrete pavement to the passage to the West and South of Nurses' quarters at the Victoria Road Maternity Home.	416	316	Complete.
6	Providing a brick masonry wall and wooden trellies around the Dhobis' drying shed at Turner Sanatorium.	1,250	...	Complete.
7	Providing two storage tanks at the Dispensary, District No. 3 ...	969	40	Complete.
8	Painting and colour-washing the Public latrine block at Custom House Road.	3,861	232	Complete.
9	Guniting the roof of the Public Latrine block at Custom House Road.	1,462	856	Complete.
10	General repairs to the Public conveniences at Dr. Viegas Street ...	2,713	...	Complete. Provision for this work was made from S.C.B. under C.R. No. 906 of 18-1-1944.
11	Constructing a store room 10'X10' with verandah at Matunga Pumping Station.	300	220	Complete.
12	Providing permanent weather shades at Colaba Fire Brigade Station ...	374	209	Do.
13	Providing gas lights in the block of sanitary conveniences at the open air market at Matunga.	443	320	Do.
14	Constructing additional stalls in the mutton Section of the Elphinstone Road Market.	450	...	Do.
15	Providing C.I. sheet roof over the extension of the platform on the South of Mutton Section at Bandra Slaughter Houses.	764	...	Do.
16	Providing additional hanging arrangement on the Western side platform in the mutton Section at Bandra Slaughter Houses.	819	579	Do.
17	Providing iron hangers at the both ends of Mutton Shed in the Compound of the Bandra Slaughter Houses.	1,535	733	Do.
18	Providing a C.I. sheet screen wall and open channel together with cement concrete pavement on the plot where dead animals are skinned at Bandra Slaughter Houses.	474	...	Do.
19	Providing expanded metal windows in the new Mutton Section and a roof over the outside vegetable stalls at Fergusson Road Market.	580	39	Do.
20	Providing three additional stalls for the sale of beef at Colaba Market.	688	25	Complete. Funds for the abovementioned works carried out at the markets and slaughter houses were subsequently provided by transfers of funds with the sanction of Standing Committee and the Corporation.
21	Construction of Town Duty Offices at Mahim and at Duncan Causeway, Sion.	21,549	7,026	Complete. The construction of the Town Duty Office at Duncan Causeway, Sion, could not e be taken in hand as possession of the site is not still secured.
22	Constructing Public Conveniences on site No. 3, Back Bay Reclamation.	13,410	1,353	Complete.
23	Constructing a temporary shed for mango dealers at Arthur Crawford Market.	4,410	...	A part of the work is completed and the remaining work is held up as the site therefor is not available.
	Total Rs. ...	69,012	17,398	

STATEMENT 'B'

Statement showing the works provided for in the Budget under **Special Repairs.**

Serial No.	Name of Work.	Amount of Estimate	Expenditure booked during 1943-44.	REMARKS.
		Rs.	Rs.	
1	Renewing the ceiling and joists of the East side verandah of the E. A. & L. M.'s Office.	2,629	2,041	Complete.
2	Oil painting the remaining portion of the office of the Inspector, F Ward (Malaria).	356	228	Do.
3	Providing nahani traps, fixing brass hand nailing and replacing the ceiling plaster and repairing cracks in walls and minor oil painting of the walls, etc., in the Wards at K. E. M. Hospital.	11,000	3,855	Do.
4	Renewing decayed wood work at Khetwadi Maternity Home. ...	1,409	1,398	Do.
5	Special repairs to old lavage cubicles at the dispensary for combating venereal diseases at Bellasis Road.	255	235	Do.
6	Providing water fittings for gas geysers, colour-washing the walls, etc., at G. S. M .College.	2,500	1,783	Do.
7	Replacing cistern Nos. 15 and 22 of W.C. block at Arthur Road chawl.	1,371	1,217	Do.
8	Renewing the existing pavement at Sukhalaji Street Chawl ...	692	648	Do.
9	Oil painting and colour-washing, providing roof gutters and gate in the gap of the railings in the Arthur Crawford Market.	3,829	1,538	Do.
10	Renewing the broken wire netting and providing an open channel with cast iron gratings in the Kamathipura Market	1,564	...	Do.
	Total Rs....	25,605	12,943	

STATEMENT 'C'

Statement showing the workers provided for in the Budget under **Loan Works.**

Serial No.	Name of Work.	Amount of Estimate.	Expenditure booked during 1943-44.	REMARKS.
		Rs.	Rs.	
1	Construction of a common compound wall between Dharavi Hindu Cemetery and Mahomedan Cemetery.	9,473	6,167	Complete.
2	Constructing washing places and W.C.'s for the Mang Garudi Camp at Dharavi.	55,277	102	Work is in progress
3	Reconstruction of the damaged sea wall at the Biological Installation at Banganga, Walkeshwar.	72,306	69,685	Complete. The work of construction of staff quarters estimated at Rs. 13,356 has been deferred to better times.
4	Construction of Fire Brigade Station at Memonwada Road ...	1,87,845	49,915	Work is nearly completed.
5	Constructing a Kutchra shed at Arthur Crawford Market ...	2,776	...	Do. do.
6	Providing sky-well over the Tonsil Ward at K. E. M. Hospital ...	6,810	...	Work completed; accounts are being adjusted.
7	Constructing of Public conveniences at Market Road near Arthur Crawford Market.	15,092	...	Work is nearly completed.
8	Gunite treatment and repairs to the B Block of the Health Department chawls at Palton Road.	99,840	11,868	Work completed.
9	Gunite treatment and repairs to the 'A' Block of the Health Department chawls at Palton Road.	1,01,418	...	Work is in progress.
	Total Rs. ...	5,50,837	1,37,737	

II.—PRIVATE BUILDING CONSTRUCTION.

(Including acquisition of set-backs).

Applications for erection of new buildings, etc.

The following table shows the number of applications for the erection of new buildings and for alterations to the existing buildings received respectively under Sections 337 and 342 of the Municipal Act during the last five years :—

Year.	Under Section 337.	Under Section 342.	Total number of buildings dealt with.	Total number of applications.
1939-40	943	964	1,907	3,683
1940-41	858	1,098	1,956	3,792
1941-42	862	950	1,812	3,968
1942-43	381	378	759	1,650
1943-44	500	507	10,07	1,581

Note.—Two or more modified proposals are generally received in connection with one and the same building, hence the difference between the figures in the last two columns in the above table.

SETBACKS

Acquisition of setbacks.

The following is the comparative statement of amounts spent for acquisition of set-backs in the City during the last five years :—

Year.	Amounts paid as setback compensation.		
	Rs.	a.	p.
1939-40	11,82,795	1	9
1940-41	10,82,062	10	5
1941-42	7,85,481	13	2
1942-43	3,24,227	15	5
1943-44	3,16,529	15	0

The area added to roads during the year was 6477.76 square yards and the cost thereof amounted to Rs. 1,00,991-13-0.

The liabilities outstanding in respect of the acquisition of setbacks amounted to Rs. 9,76,016-3-10. This includes cases in which lands have been acquired but have been leased to house-owners concerned on certain terms and conditions as the adjoining setbacks have not yet been acquired. The compensation in such cases amounts approximately to at Rs. 43,260-11-2.

During the year under report liability to the extent of Rs. 51,446-6-2 was cancelled in respect of cases in which claims were barred by limitations and other cases in which acquisition of set-back was not given effect to due either to plans getting time-barred or parties not agreeing to part with set-back land for compensation offered.

Prescribing regular lines of streets.

The following is the list of regular lines prescribed or substituted afresh to suit the requirements of modern traffic:—

(1) Regular line at Hospital Lane between Marine Lines and Barrack Road.
(2) 30′ regular line between Bruce Street and Tamarind Lane.
(3) 50′ Road from North Low Level Road of Elphinstone Bridge running parallel to the B .B. & C. I. Railway lines and turning on the west to meet the Tulsi Pipe Line Road along the northern boundary of Elphinstone Mills.
(4) Revised regular line at the junction of Cowasji Patel Street and Banaji Street in front of Cadastral Survey Nos. 407 and 399.
(5) Changing road line near the junction of Lady Jamshedji Road and Katrak Road northwards to a distance of 210 feet in front of Cadastral Survey Nos. 2/10, 28, 27 and 30.
(6) Changing 30′ road lines to 40′ on the south and east of Mahomedan Cemetery bearing Cadastral Survey No. 1207 of Mahim Division.
(7) Proposed 50′ and 40′ Roads between the area of Khed Gully, Old Parbhadevi Road and Gokhale Road (South) and 50′ sanctioned Roads between Gokhale Road and Khe d Gully.
(8) First time regular line in continuation of Altamount Road.
(9) Revised regular line of 30′ width at Gas Works Lane.
(10) 80′ revised regular line for Tardeo Road between Grant Road and Hornby Vellard Road.
(11) Revised regular lines of 100′ width for Fergusson Road from Love Grove Road to DeLisle Road.
(12) 125′ layout from drainage channel to meet Elphinstone Road and DeLisle Road junction and from DeLisle Road junction to Suparibaug Road along Elphinstone Road.
(13) 100′ proposed roads on drainage channel from (1) Love Grove Road to Haines Road, (2) from Haines Road to Fergusson Road, (2) from Fergusson Road to the junction of existing drainage channel to meet 125′ proposed road north of Century Mill compound, (4) from north of Century Mill compound to Cleveland Bunder sluices along drainage channel.

ENFORCEMENT OF BUILDING REGULATIONS.

Enforcement of Building Regulations.

Prosecutions were launched against house-owners for non-compliance with requisitions under various sections of the Municipal Act and the result of the proceedings is given in the following statement:—

Section of the Act.	Number of prosecutions.	Number of cases withdrawn or complied with.	Number of cases in which the parties were warned and discharged.	Number of convictions.	Number of postponements.	Amount of fines. Rs. a. p.
308 ...	121	56	2	35	28	443 0 0
329 ...	1	1	...	...	...	...
337 ...	111	48	1	15	47	400 0 0
342 ...	79	43	...	11	25	330 0 0
347 ...	34	11	...	6	17	80 0 0
347A ...	8	4	...	1	3	75 0 0
349 ...	3	1	...	1	1	5 0 0
353 ...	3	1	...	2	...	15 0 0
353A ...	23	7	1	5	10	135 0 0
354 ...	421	199	...	38	184	1,841 0 0
356 ...	3	2	...	1	...	10 0 0
377A ...	14	10	...	4	...	320 0 0
383 ...	2	1	...	1	...	1 0 0
231 ...	59	34	...	14	11	219 2 0
243 ...	4	2	...	2	...	6 0 0
257 ...	235	129	1	56	49	566 10 0
258 ...	4	2	...	...	2	...
259A ...	4	4	...	...	...	...
297 ...	2	...	...	...	2	...
Total ...	1,131	555	5	192	379	4,446 12 0
Add the amount of fines of old postponed cases inflicted during the year 1943-44.						852 12 0
					Total Rs. ...	5,299 8 0

Removal of unsafe structures.

In all 1,740 notices were issued under Section 354 of the Municipal Act for the removal of unsafe structures. Out of these 1,060 were complied with and the remaining 680 were pending at the close of the year.

Out of 344 notices pending at the end of the last year, 301 were complied with and 43 notices still remained pending at the close of the year.

Building collapses.

The total number of buildings or portions thereof collapsed during the year under report was 45. In 5 cases, 10 persons were injured and 1 was killed. In the remaining cases there were no casualties.

Removal of huts or walls of inflammable materials.

Action for the summary removal of huts or walls made of inflammable materials was taken under Section349 of the Muncipal Act in 105 cases. Out of these, 98 were complied with and the remaining 7 were pending at the close of the year. 40 cases which were pending at the close of the last year were complied with during the year under report. In 3 cases in which sanction of the Standing Committee was obtained and which were pending at the close of the last year, the unauthorized works were removed by the parties concerned.

Removal of unauthorized projections. In all 3,037 notices under Section 308 of the Municipal Act were issued for the removal of unauthorised projections. Out of these, 2,799 were complied with and the remaining 238 were pending at the close of the year. Out of 217 cases which were pending at the close of the preceding year, 203 were complied with and the remaining 14 cases were pending at the end of the year.

Income and expenditure on projection permits. The following statement shows the expenditure incurred and income derived during the course of the last three years on account of temporary projections such as stall-boards, weather-frames and awnings :—

Year.	STAFF.		Income.	Expenditure.	Net Income.
	Sub-Overseers.	Clerks.			
			Rs. a. p.	Rs. a. p.	Rs. a. p.
1941-42 ...	18	4	1,42,138 4 0	27,345 14 0	1,14,792 6 0
1942-43 ...	18	4	1,36,667 0 0	29,339 7 0	1,07,327 9 0
1943-44 ...	18	4	1,44,528 5 0	32,657 13 0	1,11,870 8 0

The question of policy to be adopted in respect of stall-board projections in the City is still under the consideration of the Corporation. Pending final decision in the matter in order to afford relief to the pedestrian traffic in congested thoroughfares such as Kalbadevi Road, Girgaum Road, Sheikh Memon Street, the policy of withdrawing or not renewing permission already granted is being continued.

In all 8,834 notices were issued under different sections of the Municipal Act.

New tenements. During the year under report 623 buildings were inspected by the Ward staff with a view to registering newly constructed tenements in the City.

The following statement shows the number of tenements newly constructed during the year under report :—

Ward.	Number of one-room tenements.	Number of two-room tenements.	Number of larger tenements usually known as blocks.
A	Nil	Nil	Nil
B	16	1	Nil
C	26	Nil	Nil
D	45	56	32
E	17	Nil	Nil
F	33	Nil	54
G	22	26	20
Tenements constructed during the year 1943-44. ...	159	83	106
Tenements constructed during the previous year :—	780	555	614

Note.—It will be seen from the comparative figures shown above that there is a marked reduction in building construction in the City which is due to the restrictions imposed by Government on building work.

Old tenements demolished. The following statement shows the number of tenements demolished during the year.

Ward.	Number of one-room tenements.	Number of two-room tenements.	Number of larger tenements usually known as blocks.
A	8	5	2
B	70	Nil	Nil
C	3	,,	1
D	53	,,	Nil
E	13	,,	Nil
F	14	,,	Nil
G	92	3	2
Total ...	253	8	5

SUBVENTION SCHEME.

The Scheme for compulsory conversion of basket-privies into water-closets on full-flushing system in F and G Wards under the Subvention System which was put into operation in October 1939 has been suspended as the Standing Committee by their Resolution No. 1658, dated the 18th February 1942 recorded the proposal for issue of fresh notices under Section 248 (1) (c) of the Municipal Act. No new notices were therefore issued. However, as a result of action already taken, 7 privy seats were converted into full-flushing water-closets. The total number of seats converted since the inauguration of the scheme up to the end of the year under report comes to 3,417. Out of the total amount of Rs. 6,000/- provided in the Revised Loan Works Budget for the Subvention Scheme, Rs. 1,140/- were expended on payment of subsidy to the house-owners leaving a balance of Rs. 4,860/- at the end of the year under report.

CEMENT AUTHORIZATION TO PRIVATE HOUSE-OWNERS.

During the year under review the Provincial Government controlled the distribution of cement in the City and consequently the owners of private buildings could not get an adequate quantity of cement for carrying out urgent and essential repairs to their buildings in compliance with the provisions of the Municipal Act. This fact was brought to the notice of Government and as a result the City Engineer was authorized to issue authorization certificates to private house-owners for obtaining cement for urgent and essential repair works to their properties.

In all 2,419 applications for cement were received during the period under report from house-owners and authorizations aggregating to 3,474 tons and 8 cwts. were issued after scrutiny of the applications by inspection of works on site.

GENERAL.

The proposals for amending the present Building Regulations and Bye-laws are still under the consideration of the Works Committee. The codes for steel structures and for R.C.C. construction have been approved by the Works Committee and are now before the corporation

III.—INVENTORY OF MUNICIPAL PROPERTIES.

The Inventory of Municipal properties (excluding Ex-Trust properties) inside and outside the City has been completed. At the suggestion of the Chief Accountant,, the information to be included in the Inventory was recast, classifying the assets under the following heads :—

(1) Assets created out of revenue and borrowed Capital.

(2) Do. Trust moneys and donations.

(3) Assets received as gifts for maintenance.

The statements prepared in this connection are still being verified by the Chief Accountant and will be submitted to the Corporation as soon as they are ready.

IV.—MECHANICAL BRANCH.

Municipal Workshops.

Works. The total expenditure on Departmental and Private Works carried out in the Municipal Workshops during the year 1943-44 amounted to Rs. 2,26,518 as against Rs. 2,32,057 in the preceding year.

Expenditure. The expenditure on the upkeep and overhead charges of the Workshops amounted to Rs. 76,116 which works out to 33.6 per cent. on the expenditure incurred on labour and stores used in the execution of works during the year under report against 28 per cent., of the preceding year.

DADAR PURIFICATION WORKS.

Working. The Purification Works at Dadar consisting of the Simplex Activated Sludge Plant, the enclosed Pruss Filter, the Sludge Digestion Tank and the Sludge Gas Compressor Station worked satisfactorily throughout the year. The total volume of sewage received at the plant during the year amounted to 4558.11 million gallons.

As nearly 11-12 million gallons of sewage were received per day and as the Purification Plant could deal with only about 6 million gallons per day, the excess was diverted to storm water drain after chlorination as chlorine was available during the year. Foul odour during summer months was noticed round about to a certain extent and one complaint of smell nuisance was received. So long as war continues, there seems to be no prospect of improving these conditions.

Disposal of sludge gas. The quantity of crude sludge digested amounted to 18 million gallons. The total gas generated was 22,341,800 cubic feet, the average generation per day being about 61,210 cufic feet. Sludge gas continued to be used by the K . E. M. Hospitl and its staff, the G. S. M. College, Lady Students' Hostel and Dadar Purification Works staff. In addition, during the year under report, sludge gas was connected to the Turner Sanatorium from October 1943 and to the Ramesh Premchand T.B. Hospital from August 1943. The latter is now in the occupation of Naval Authorities being used as Royal Indian Navy Hospital. The total volume of gas so used amounted to 87,35,300 cubic feet. This consumption exceeds last year's consumption by 2,198,100 cubic feet due to two more hospitals being connected to sludge gas as stated above. The use of sludge gas resulted in a net saving of Rs. 19,207-5-0 in respect of gas

Income. consumed by hospitals and Rs. 4,157-1-0 for the gas used by the hospital staff and the Dadar Purification Works staff This saving exceeds last year's savings by Rs. 3,306-7-0. Excess gas still continues to be burnt to waste and averaged about 38,120 cubic feet per day equivalent to Rs. 114-0-0 per day at Rs. 3 per 1,000 cubic feet.

Gas Compressor Plant. The sludge was compressor 'plant worked fairly satisfactorily and the one lorry equipped to run on sludge gas gave satisfactory service from a mechanical point of view. During the year, the lorry travelled a total distance of 10,461 miles and consumed 2,16,500 cubic feet of sludge gas. Normally, this lorry runs about 6 miles on one gallon of petrol. The petrol thus

Working of gas driven lorry. saved works out to about 1,744 gallons and at the price of Rs . 1-13-0 per gallon of petrol, it represents a gross saving of Rs. 3,161. Durig the year under report, it was found that the lorry ran on an average of 67 miles per one filling of gas amounting to 1,400 cubic feet, compressed to 3,000 lbs. per square inch in 4 cylinders attached to it. It is hoped that during the year 1944-45, six additional lorries will be fitted up to run on sludge gas.

Laboratory. The Sewage Works Laboratory did investigation work and examined about 3,000 samples during the year. Statement 'A' gives in tabulated form the data of the Dadar Sewage Purification Works for the year 1943-44.

Expenditure. The total expenditure on power, stores, establishment, laboratory etc., on the working of the Simplex Activated Sludge Plant, Pruss Filter, Digestion Tank, Sludge Gas Compressor Plant and Dadar Sewage Pumping Station amounted to Rs. 1,24,834 during the year under report.

PUMPING STATIONS.

Love Grove Pumping Station.

The Pumping Station worked satisfactorily throughout the year. The average quantity of sewage pumped during the dry weather amounted to about 66.2 million gallons per day whilst during the monsoon period it amounted to 66.9 million gallons per day. The rate per million gallons of sewage pumped out during the preceding year worked out to about Rs. 6.19 whilst for the year 1943-44 the rate comes to about Rs. 6.45. The total expenditure for the year 1942-43 was Rs. 1,44,957, whilst for the year under report it amounted to Rs. 1,56,869.

Scheme for Sewage Purification Works at Love Grove.

The average height of the sewage in th e detritus chamber continued to be maintained at R.L. 71'-6" (T.H.D.), a suitable level for ensuring a tree outtall. No surcharging of sewers occurred during the year The detritus removed amounted to 2,799 tons. Proposals for improved methods of increasing the precipitation of detritus are under consideration and will be included in the scheme for dealing with the problem of "Sewage Disposal" at this place. To deal with the increased quantity of sewage coming to Love Grove, the construction of an additional pumping station is intended but the scheme is held over for the present for want of funds and also for abnormal conditions created by war.

No damage was found to have been caused to the Love Grove Outfall during the year under report. The preparation of the detailed plans and estimates in connection with the scheme for dealing with the problem of sewage disposal at Love Grove which has been approved by the Corporation could not be taken in hand as the prices of materials were fluctuating and n o definite data as to prices could be obtained. The execution of the scheme has, therefore, to be postponed till after the war.

Matunga Pumping Station.

This station worked satisfactorily during the year. The Transformers ereced at the station have been working satisfactorily and the total saving derived by installing the Transformers and Static Condensers amounted to Rs. 3,854.

The quantity of sewage pumped out by th e Station during the year was 2,261 million gallons and the total expenditure incurred on its maintenance amounted to Rs. 31,620.

Other minor pumping stations.

The pumps at the following places continued to be in operation. The approximate quantity of sewage pumped and the expenditure incurred during the year were as under:—

Names of Pumping Stations.	Approximate quantity of sewage pumped in gallons.	Expenditure during the year.
		Rs.
Poibawdi ...	252,000,000	4,184
Arthur Road ...	350,000,000	6,699
Sewri ...	280,000,000	4,254
Tank Bunder ...	275,000,000	6,561
Mahim ...	1,818,012,000	18,896
D. D. Chawls, Sewri ...	78,840,000	4,346
Wadala ...	30,000,000	3,064
Sion ...	30,000,000	2,137
Dharavi .	386,400,000	4,078

Jacob Circle Pumping Station.

The new Pumping Station at Jacob Circle is ready for operation and it is expected to begin work early in the next official year.

Compressor Stations.

Victoria Gardens and Fergusson Road.

The electrically driven Air Compressor stations at the Victoria Gardens and Fergusson Road worked satisfactorily. The electric units consumed at the two stations, together with the cost of current, were as follows—

Compressor Station.	No of units consumed.	Cost.	Average cost per unit.
		Rs.	As.
Victoria Gardens. ...	14,12,270	37,674	.427
Fergusson Road. ...	7,71,450	20,407	.423

The Static Condensers at these two stations continued to work satisfactorily and the saving effected therefrom during the year under review amounted to Rs. 10,458.

Warden Road Compressor Station.

The total number of units consumed by the Compressor and the Pump is 685,910, and the total cost thereof was Rs. 25,820 which works out to an average rate of .602 anna per unit. To increase the capacity of the Compressor station for dealing with the additional sewage owing to increased population, one noiseless slow speed compressor was to be erected at the station but the same could not be secured to municipal requirements due to war conditions and as such the proposal has been dropped.

Colaba Compressor Station.

The Air Compressor Station at Colaba worked satisfactorily during the year, the number of units consumed being 729,711 at a total cost of Rs. 19,924, giving an average rate of .437 anna a unit.

Ejector Stations.

Working.

All the 23 Ejector Stations located in different parts of the City worked satisfactorily during the year. The total quantity of sewage at the various Ejector Stations amounted to 5,713 million gallons during the year.

Expenditure.

The total expenditure incurred on the maintenance of Compressor and Ejectors amounted to Rs.1,70,398 as against Rs. 1,62,800 during the preceding year.

There were no serious complaints received from the public regarding choking of drains in the areas served by the Ejector stations.

FLOOD GATES.

Working. The flood gates have become very old and require to be replaced as early as possible. However, with constant care and attention, they were kept working during the year at a cost of Rs. 5,121.

Inspection of Factories, Workshops and Work-places.

Inspection. The following table shows the number of new proposals for permits and licenses received and recommended, number of nuisance cases attended to and action taken under Section 392 of the Municipal Act :—

Ward.	New proposals for permits and licenses.		Recommended permits and licenses.		Factories working without permits.	Nuisance cases.	Notices issued under section 392.
	Permits.	Licences.	Permits.	Licences.			
A ...	35	5	35	5	...	6	*Nil.*
B ...	24	13	24	13	...	1	„
C ...	63	31	63	31	...	11	„
D ...	82	34	82	34	...	3	„
E ...	126	42	126	42	...	9	„
F ...	44	17	44	17	...	2	„
G ...	36	10	36	10	...	3	„
Total ...	410	152	410	152	...	35	...

The total number of permit and licence cases inspected and disposed of during the year 1943-44 was 562.

The total number of cases inspected during the year 1943-44 was 597.

Nuisance cases were attended to and necessary steps taken.

Surprise visits were also paid to several factories to find out if they were permitted or otherwise.

Each factory, workshop and workplace was inspected on more than three occcasions.

Motor Traction.

Expenditure on supervision. The expenditure under D.—Transport, I.—Inspection and Supervision, amounted to Rs. 18,927 during the year under report.

Maintenance of vehicles. There were 87 vehicles in commission and the expenditure incurred on their running during the year is given in the sub-joined statement.

No. of vehicles.	Description of cars and lorries.	Cost.
		Rs.
4	Inspection ...	12,483
3	Hearses ...	8,046
5	Ambulances ...	17,341
43	Refuse ...	3,89,558
9	Silt ...	24,185
4	Halalkhore ...	37,188
4	Encroachment ...	11,589
2	Offal ...	22,945
13	Meat ...	1,14,543

The system of supplying the vehicles with petrol, oil and grease during the night has been revised and the supply is now made during the day time. Due to war conditions, the prices of petrol and spare parts have gone up considerably and thus the cost of running and maintenance has increased.

The 9 A.R.P. lorries purchased during the previous year are being converted for other essential services.

Refrigerator Plant at the Arthur Crawford Market.

This plant is now out of date and has passed its useful life. It requires to be replaced by a new one as early as possible, but owing to war conditions, the installation of a new plant has to be postponed till after the war.

GENERAL.

The maintenance cost of the pumping and compressor stations and also of the Dadar Sewage Purification Works has increased considerably due to the abnormal rise in the cost of materials, spare parts, etc., and also on account of longer working hours of the machinery necessitated by the increased population in the City.

Income. The income under 9.—Mechanical, Miscellaneous, Miscellaneous Receipts, which comprises sale proceeds of unserviceable materials, tools and plant, fees for hire of ambulances, sale of sludge gas from Dadar Purification Works amounted to Rs. 57,037 against the ... (R. 60,000

STATEMENT ' A '

Report on the Dadar Sewage Purification Works for the year 1943-44.

From April 1943 to March 1944.

(1) Sewage Treated	...	4,558.11 Million gallons.
(2) Grit removed	...	118,295 Cubic feet.
(3) Screenings removed	...	3,933 Cubic feet.
(4) Sludge to Consolidation Tanks	...	33,698,000 Gallons.
(5) Sludge to Digestion Tank	...	18,020,000 Gallons.
(6) Dry matter added to Digestion Tank	...	7,289,620 lbs.
(7) Volatile matter added to Digestion Tank	...	3,777,520 lbs.
(8) Digested Sludge removed	...	1,700,000 Gallons.
(9) Total Gas generated	...	22,341,800 Cubic feet.
(10) Gas per gallon of sludge added	...	1.24 Cubic feet.
(11) Gas per lb. of dry matter added	...	3.06 Cubic feet.
(12) Gas per lb. of volatile matter added	...	5.92 Cubic feet.
(13) Gas per 1,000,000 gallons of Sewage treated	...	4,902 Cubic feet.
(14) Total Electric consumption	...	910,110 K.W.H.
(15) Horse Power required per million gallons of sewage treated		11.09

(16) Total Expenditure :—

	Rs.	a.	p.
(*a*) Electric power	40,090	0	0
(*b*) Salaries and wages fixed	36,078	0	0
(*c*) Materials and supplies (Laboratory included)	9,787	0	0
(*d*) Miscellaneous expenses	38,879	0	0
Total Rs. ...	1,24,834	0	0

(17) Returns—

	Rs.	a.	p.
(*a*) Sale of gas	23,364	6	0
(*b*) Sale of Manure	520	0	0
(18) Cost per million gallons of sewage treated	27.39	0	0

(19) Analytical Data :—

	Sewage.	Purified	Effluent
4 Hours Oxygen absorption	7.96	1.26	p.p.100,000
Suspended solids	46.0	2.22	,,
Dissolved oxygen	*Nil.*	0.19	,,
B. O. D.	271	17.1	P.P.M..

V.—WORKS BRANCH.

The Works Branch consists of the following Sections :—

I.—Construction Section.—Deals with the construction of new roads, footpaths, s.w. drains and sewers and supervises the working of the Asphalt Plant, Quarries and Crushers.

II.—Maintenance Section.—Deals with the repairs and maintenance of carriage ways, footpaths road-side trees, statues, etc., lighting of streets and carrying on minor works of street connections, adding set backs to roads, repairs to trenches opened in roads by Public Utility Companys, etc.

III.—Drainage Section.—Deals with the cleaning and maintenance in good repair and working order all the drains, sewers, etc, with their accessories. The work of this Section is at presesnet supervised by the Mechanical Engineer.

IV.—Design Section.—Is engaged in the preparation of drawings and estimates of the various works to be done by the three Sections mentioned above. This Section also deals with the improvement of private streets.

I.—Construction Section.

Works. The works carried out by the construction section from funds provided in Budget A and Budget B are given in the attached Statements marked A, B, C, D and E. The total expenditure incurred upto the end of the year on the construction of roads, footpaths, storm water drains, sewers and other miscellaneous works amounted to Rs. 6,35,125. Works of the value of Rs. 5,45,232 being carried out departmentally and the remaining costing Rs. 89,893 being carried out by contract.

Asphalt Plant. During the year under report the Asphalt Plant had to be entirely closed on account of the non-availability of asphalt.

The total expenditure incurred for keeping the plant in good working order amounted to Rs. 22,182-5-0 and the value of materials on hand at the close of the year was Rs. 26,363-0-0;.

Crushers. Owing to the difficulty of getting tar and cement there was less demand from Wards and so only one crushers at Worli and two crushers at Sewri were worked during the year by cotract labour. The rates paid to the contractors were Rs. 3-1-6 per 100 C.ft. of rubble crushed at Worli and Rs . 2-13-6 for rubble scrusheed at Sewri crushers inlcuive of removing and screening crushed metal and loading it into lorries. The rubble required was purchased from Messrs. Rowji Sojpal and Enus Kondaji at the rate of Rs. 14-11-0 and Rs. 18-12-0 per brass respectively and a part of it was taken from the Municipal stock lying in the Ex-Trust Schemes Nos. 52 and 58 at Rs. 5-6-0 and Rs. 11-6-0 per brass, respectively inclusive of transport charges.

The crushers shifted from Love Grove to the new site at Worli were being erected near the existing crushers.

At the Sewri Crushers one new Electric Motor (80 H. P.) purchased at a cost of Rs. 8,643-12-0 during the year will be shortly put into commission.

The following table gives the financial results of the working of the crushers :—

	Debits. Rs.	a.	p.	Credits. Rs.	a.	p.	Net gain. Rs.	a.	p.
(1) Worli Crushers	65,516	0	0	73,466	10	0	7,950	10	0
(2) Sewri Crushers	1,22,272	3	5	1,58,391	11	0	36,119	8	0

The following gives the total output from the Crushers during the year :--

Kind of metal.	Worli Crushers C.ft.	Sewri Crushers C.ft.	Total C.ft.	Rate per 100 C.ft.
				Rs.
1" Metal	95,397	29,100	1,24,497	22
½ "	38,490	42,900	81,390	24
⅜" "	39,408	1,31,665	1,71,073	26
Grit ⅜" "	13,750	1,350	15,100	26
Grit and Dust	25,300	20,600	45,900	20
Fine Grit	...	11,875	11,875	20
Stone dust filler	...	490	490	15
Crusher run	39,900	48,690	88,590	24
Pit clean	...	925	925	
Mixed Metal 1" and ½"	...	...	...	...
Total ...	2,52,245	2,87,595	5,39,840	

The value of mateials on hand at the end of the year at the Worli and Sewri Crushers was Rs. 5,142-0-0 and Rs. 89,028-1-0, respectively.

II.—Maintenance Section.

Repairs and Maintenance of Roads and Footpaths.

1. The total mileage of roads in the City at the close of the year was approximately 263.47 miles. The classification of roads and footpaths showing the mileage and areas to be maintained and the expenditure incurred in maintaining them during the year is given in Statement F. In all 2,45,840 square yards were repaired during the year at a total cost of Rs. 3,21,32,542.

In addition to the above the following additional expenditure was incurred on patching, overhead and other miscellaneous charges :—

	Rs.
General Charges	69,629.7
Over-head Charges	24,281.6
Miscellaneous Charges	9,234.3
Ordinary patching	25,429.6
B. C. Patching	1,91,053.0
Total Rs. ...	3,19,628.2

The portion of Jerbai Wadia Road treated with Shalimar tar in September 1942 as an experimental measure stood well during the year under report. A further portion of th e same road was similarly treated in July 1943 and both the portions are kept under observation further.

Extraordinary Repairs.

2. *Repairs to Mahim Outfall No. 5.*—A provision of Rs. 1,000 was made in the Budget for 1943-44 for carrying out repairs to Mahim outfall No. 5. It was proposed to construct a concrete wall out of the provision at an estimated cost of Rs. 981 for preventing damage to the foreshore. The work has been commenced.

Repairs to leakage in the Mahalaxmi over-bridge—The work of guniting the expansion joint and other repairs by 'cetroof' were taken in hand during the year to prevent leakage during the monsoon. The expenses booked during the year amounted to Rs. 4,213-7-0.

Repairs to the eastern portion of the Tilak Bridge.—The work of repairing the eastern portion of the Tilak Bridge falling within the Municipal limits has been carried out departmentally except that of guniting the cracks in the abutment (east) which was entrusted to Messrs. Hindustan Construction Co., Ltd., and was in progress.

Capital Roads.

3. (*a*) *Repairs.*—Roads treated with permanent mode of construction were repaired in part at a total cost of Rs. 63,884-9-, covering an area of about 37,873 square yards.

(*b*) *Renewal.*—The surfaces of many of the roads have become due for renewal and a programme with estimates for renewing an area of 82,148 square yards has been submitted to Corporation. The expedition with which renewal may be done will depend on the quantities of essential materials that will be available. The renewal of road surfaces was being done in 4" of 1 : 2 : 3 cement concrete, replacing 3" sheet asphalt surface; the concrete surface was much cheaper and was expected to wear well particularly on the kerb sides. The works carried out or in progress are given in Statement G.

It may be remarked that the surface of many roads in the City has considerably deteriorated owing to heavy rains. Their condition has been further worsened by heavy military traffic with the result that an unusual strain has been put on the roads in the City. The roads treated with sheet asphalt have suffered most as supply of asphalt needed for repairs and maintenance is not available. Consequently, all repairs to patches had to be done in cement or tar as was done in the previous year. The activities of the Road Department had therefore to be restricted only to very urgent works after securing licences from Government for the supply of controlled materials.

Repairs to Ex-Trust Roads

4. Some of the roads in different Improvment Trust Schemes taken over in 1933 were katcha and the expenditure incurred on maintaining them as well as the side trees thereon amounted to Rs. 63,261 and Rs. 6,826 respectively.

5. Roads and footpaths taken over for maintenance other than thos e mentioned in the head "Improvement of Private Streets" are given below.

Name of the Roads.	From whom taken over.	Length in R.ft.
(a) Roads.		
Approach Road to foot-bridge at Marine Lines	B. B. & C. I. Railway ...	673
(b) Footpaths.		
Marine Drive	Executive Engineer, P.W.D. ...	3,980
Churchgate Street	Do. do. ...	2,275
Dinshaw Watcha Road	Do. do. ...	1,980
Jamshedji Tata Road	Do. dlo ...	850
A Road	Do. do. ...	610
B ,, ...	Do. do. ...	415
C ,, ...	Do. do. ...	315
D ,, ...	Do. do. ...	200
E ,, ...	Do. do. ...	1,400
120' Road near Sea-shore	Do. do. ...	405
Fore Shore Road	Do. do. ...	240
1st Cross Road	Do. do. ...	300
2nd Cross Road	Do. do. ...	275
50' North of L. R. Ground	Do. do. ...	620
Passage between Plot Nos. 66 and 67	Do. do. ...	140
Passage between Plot Nos. 204 and 205	Do. do. ...	290
Masjid Bridge in front of Gowmukh Bhavan	Do. do. ...	525
	Total ...	14,820

Road Watering.

6. All water-bound roads and kutcha footpaths comprising an area of 1,06,879 square yards were watered twice a day during the dry season and the expenditure incurred thereon amounted to Rs. 16,859-7-0.

Traffic Amenities.

7. *Refuge Island.*—During the year the two refuge islands, at (1) Sion Causeway and (2) Mahim Causeway were constructed permnanetly at a total cost of Rs. 2,264-6-0, which was wholly borne by Government.

Pedestrian Guard Railings.—4 pedestrian guard railings were constructed at Government cost at the following places as approved by the Traffic Advisory Committee. The total expenditure incurred thereon amounted to Rs. 9,891-2-0.

	Rs.	a.	p.
(1) Vithalbhai Patel Road Junction Lamington Road	1,178	11	0
(2) Charni Road Junction Sandhurst Road	2,631	0	0
(3) Girgaum Road Junction Sandhurst Road	2,140	14	0
(4) Gokhale Road Junction Ranade Road Extension	3,940	9	0
Total Rs. ...	9,891	2	0

Road side trees.

8. (*a*) *Replacement and Plantation of new trees.*—The total number of road side trees planted in the City during the year was approximately 542 at a total cost of Rs. 6,298-2-0. Out of this 192 trees were planted on roads on which no trees existed before and the rest replaced casualties; the expenditure incurred thereon amounted to Rs. 3,828-2-0. The roads on which new trees have been planted are given below:—

Name of Road.	No. of trees.	Species.	Cost. Rs. a. p.
(1) Keluskar Road	112	Ashoka	2,789 13 0
(2) Ranade Road Extension	18	Casuarina	426 6 0
(3) Government Gate Road	47	Peltaaphorum ...	513 2 0
(4) Sion Road (East footpath)	15	Karanji ...	98 13 0
Total ...	192		3,828 2 0

(*b*) *Maintenance.*—147 Old trees were cut down as they had either perished or were unsound. 68 trees were uprooted by stormy winds during the monsoon, but fortunately no damage was there by caused to life or property. The total expenditure incurred on the maintenance of roadside trees during the year amounted to Rs. 7,507-10-0.

Benches.

9. The total expenditure incurred on repairing and maintaining the existing benches at various places amounted to Rs. 315.

Street Name Boards.

10. No new street name plates or poles were purchased during the year on account of prohibitive cost. Every effort was however being made to replace the street name plates damaged as funds permitted.

Upkeep and Maintenance.

11. The statues and other public monuments in charge of this department were periodically cleaned and maintained in a tidy condition. The total cost incurred for the same during the year amounted to Rs. 1,790-7-0.

Widening of roads consequent upon acquisition of setbacks.

12. The cost incurred on adding to the roads setback lands acquired in the different parts of the City amounted to Rs. 1,00,991-13-0 inclusive of the cost of incidental works such as shifting tram poles, electric cables, gas or electric lamps, etc. The total area thus added during the year was 6,477.76 square yards.

Private and departmental works.

13. (1) 651 works were carried out for other Municipal Departments at a total cost of Rs. 4,18,612-2-0.

(2) 434 works were carried out for various private parties at a total cost of Rs. 91,393-14-0.

Road Rollers.

14. The total number of road rollers in charge of this Department was 26 out of which 22 were steam driven. 6 of these rollers were meant for sheet asphalt work, and were lying idle as no asphalt work could be carried out during the year for want of asphalt. The total expenditure on the repairs and maintenance of the rollers inclusive of establishment charges during the year amounted to Rs. 54,309-2-0.

Motor Traction.

15. The total number of lorries and trucks in the Road Department Motor Transport was 21 and 8, respectively. The mileage done by the lorries and trucks for works Branch and other departments for the transport of materials was 3,012,886 and 56,146 miles respectively, the total mileage being 3,59,032 miles. The rates charged to various departments for 4-5 ton lorries were annas seven per mile and for 1½ trucks annas five per mile. A flat rate of Rs. 3 per brass was charged for transporting metal from the Municipal crushers to any part in the city and a rate of Rs. 1-6-0 per brass was charged for hauling rubble to Worli Crushers from the Municipal stock lying in the Ex-Trust Schemes. A rate of Rs. 1-8-0 was charged for the transport of cement from various goods yards, docks and bunders to the Municipal Central Stores including loading, unloading and stacking.

The total expenditure on the working of the lorries and trucks during the year amounted to Rs. 1,58,762-10-0 and the charges realised from the various departments for the work done on their account amounted to Rs. 1,52,728-3-0.

Permits.

16. (*a*) *For opening Roads and Footpaths.*—During the year 126 permits were issued for excavation of roads and footpaths. The cost of re-instating the surface disturbed was in all instances charged to the respective permit holders.

The following return shows the department or other concerns responsible for such openings and gives the restoration of their lengths in running feet. The trenches were repaired at a total cost of Rs. 2,14,698-13-0 which was borne by the parties concerned :—

Department.	Length of trenches in Rft.
(1) Water Department	70,062
(2) Drainage Department	7,656
(3) Bombay Gas Co., Ltd. ...	16,737
(4) Bombay Telephone Co. Ltd. ...	9,890
(5) B. E. S. & T. Co., Ltd. ...	5,050
(6) Government Telephone Department	889
(7) A. V. P. S. Co., Ltd. ...	82
(8) Miscellaneous Agencies	16,640
(9) Construction Section	607
	1,27,613

The total amount of fees recovered in this connection during the year amounted to Rs. 4,033.

(*b*) Action under Section 322(*c*) of the Municipal Act was taken to prevent unauthorized occupation of roads with building materials. 105 Notices were served for contravening the provisions of this Act.

Fees were recovered for the use of roads for stacking building materials and putting up scaffoldings The total receipts under this head amounted to Rs. 9511-0-0 for 405 permits.

(*c*) Temporary lettings of road side lands and portions of footpaths :—

Ground rents recovered on account of temporary lettings of road side lands and footpaths for the erection of petrol tanks and pumps and other miscellaneous occupations amounted to Rs. 27,623-0-0. This amount was exclusive of the rent for the tramway tracks which amounted to Rs. 66,944-2-0. During the year no rent was received for wayleave in respect of telephone lines since the telehphone business was taken over by the Central Government from 1st April 1943.

(*d*) The following table gives the number of permits issued for other purposes and the receipts recovered therefrom :—

Particulars.	No. of permits issued.	Receipts.
		Rs.
(1) Temporary erection of Mandaps	151	2,147
(2) Placing chairs and benches	551	2,286
(3) Holi Festival (free)	81	...
(4) Moharrum Festival (Free)...	247	...
Total ...	1,030	4,433

Tramways.

17. No additions were made to the total length of double tramtracks in the City during the year the existing length being 26.70 miles. The following single tracks were laid during the year.

(1) Tilak Road siding	240′ S.T.
(2) Connecting siding at Khodadad Circle ...	276′ S.T.
(3) Bhatia Baug Loop Line	276′ S.T.
	792′

Thus the total length of single tramtrack in the City has increased from 2.27 miles (previously laid) to 2.42 miles.

In accordance with Corporation Resolution No. 4313, dated the 7th October 1915, the following information regarding the rolling stock has been obtained from the B. E. S. & T. Co., Ltd., for the year under report :—

Type of cars.	Number	Seating accommodation in each.	Total carrying capacity.
Single deck bogie	1	56	56
Do. do.	28	60	1,680
Double deck bogie	46	104	4,784
Do. do.	24	96	2,304
Do. do.	2	92	184
Do. do.	1	86	86
Do. do. centre entrance	12	94	1,128
Do. do. „	10	104	1040
Do. do. „	1	92	92
Single truck trains	52	70	3,940
Do. do.	92	78	7,176
Do. do.	2	74	148
Do. do. Market specials	1	66	66
Do. do. „	1	62	62
Do. do. „	2	74	148
Light Trailers.	26	72	1872
Total ...	301		24,466

No tramway shelters were erected during the year.

(18) *Public Street Lighting.*—The public street lighting consists of gas, electric and incandescent kerosene oil lamps.

The total number of street lamps in the City at the end of the year was 10,825 which exceeded the corresponding figure for the previous year by 76. The details of different types of lamps are as under :—

Total No.	Low Pressure Gas Lamps.							High Pressure Gas Lamps.				Electric lamps of different types.	Incandescent oil lamps.
	Hexagonal.	Bombay.	Littleton	Rochester.	London.	Traffic direction lamps at traffic islands.	G Type pattern lamps.	Keith.	Suggs.	Metro Supervia No. I.	Metro Supervia No. II.		
No.	4,068	325	3,625	494	11	97	26	40	8	53	2	1,919	157

The candle power of gas lamps varies from 80 to 4000 and of electric lamps from 40 watts to 500 watts. There is one lamp of 1500 watts at Sandhurst Bridge.

The following statement shows the total candle power of lamps, the energy consumed by them during the year and the expenditure incurred on account of maintenance etc. On an average 4,48,246 cft. of gas and 35,635 (K. Watts H.) Units of electricity were consumed per day.

Kind of Lighting.	Candle Power.	Total Consumption of energy. during the year	Expenditure for Lighting and Maintenance.
			Rs.
Gas	18,37,245	1,636,10,030 C. ft.	5,77,154
Electric	3,46,100	13,0,07,016 K. Watts. Hours	2,29,766
Incandescent Oil ...	94,200	......	35,201

An additional expenditure of Rs. 24,847-15-0 was incurred on the following items :—

	Rs.	a.	p.
(1) Erection of new lamps	700	0	0
(2) Repairs and Maintenance	24,093	3	0
(3) Miscellaneous	54	12	0
Total Rs. ...	24,847	15	0

Owing to improvement in the war situation, the restrictions imposed on public lighting were relaxed by Government from October 1943.

(19) Maintenance of Port Trust wharves and Roads.—As usual Rs. 1,60,550 and Rs. 43,680 were paid to the B. P. Trust on account of maintenance and lighting of wharves and roads in their charge by adjustment against the amount due from them in respect of the general tax for the year under report.

III DRAINAGE SECTION.

Repairs and maintenance of wagons.

(*a*) Works of repairs and alterations to drains and sewers including removal and replacement of 114 manhole frames and covers, 83 gratings of water gullies, 87 vent shafts and shifting of water entrances for providing better facilities for cleaning operations wherever necessary were carried out at a total cost of Rs. 18,303.

(*b*) **Cleaning operations.**—The following table will give an idea of the cleaning works carried out during the year under report :—

Particulars.	Mileage as per last year's report.	Increase during the year.	Total mileage at the end of the year.	Mileage cleaned.	Silt removed. Tons.
Pipe sewers	204.83	1.34	206.17	116.76	3,922.35
Ovoid sewers	17.18	...	17.18	8.60	762.26
Storm water drains	208.00	.59	208.59	9.60	4,379.19

Water Courses.—The water courses were cleaned wherever necessary.

Catchpits.—40 catchpits on ovoid and pipe sewers were cleaned and the silt removed was 4,848.71 tons.

Water Entrances.—16,289 water entrances icluding perforated stones were cleaned and opened and closed before and after monsoon. No new water entrances could be procured to replace the old type perforated ones owing to scarcity of materials.

Street Connections.—55,551 street connections were cleaned during the year.

(*c*) **Biological Installation at Banganga.**—This installation was kept in working order during the year at a cost of Rs. 2,725. The western sea wall of this installation which was damaged during the previous year was repaired at a cost of Rs. 69,685.

(*d*) **Vent shafts.**—All the vent shafts on pipe sewers etc., which number about 956 were maintained and kept in working order.

(*e*) **Cleaning and Maintaining Open storm water channels.**—The cleaning and maintenance of these channels were carried out at a total cost of Rs. 7,242. Silt removed from these channels was 4,400.42 tons.

(*f*) **Relieving Arches at Falkland Road.**—The arch over the old storm water drain in Falkland Road was strengthened for a length of about 110 R. ft., by providing 19 rings underneath at a cot of Rs. 2,664.

(*g*) **Extra-ordinary repairs.**—Extraordinary repairs due to break-downs in the old sewers and storm water drains were carried out at a total cost of Rs. 2,566.

(*h*) **Sluices.**—27 Sluices were operated and maintened at a total cost of Rs. 560.

NEW WORKS.

Permanent Manholes over s. w. drains.

(*a*) 12 Manholes over s.w. drains were constructed during the year at a tottal cost of Rs. 2,543.

Providing Vent shafts over s. w. drains.

(*b*) No vent shafts over the s.w. drains were provided during the year as the required materials were not available.

Departmentol and Private Works.

Departmental and private works amounting to Rs. 22,534-11-0 (Departmental work Rs. 19,551-10-0 and private works Rs. 2,983-1-0) were carried out during the year, at the cost of various departments and private parties.

IV—DESIGN SECTION.

The following statement shows the work done by the Design Section during the year :—

Number of Estimates prepared.	Amounts of estimates.	Number of estimates revised.	Amount of Revised Estimates.	Number of estimates checked.	Amount of Estimates checked.
343	Rs. 51,42,831	262	Rs. 34,06,914	194	Rs. 5,96,154

341 tracings of roads and drainage works were prepared and 395 blue prints were taken out during the year.

The Survey Sheets were being maintained with up-to-date information regarding drainage and sewerage works, street connections and other miscellaneous works.

A scheme for replacing the ejectors at Nepean Sea Road and Setalvad Road by a Pumping Station and doing away ith the ejector and pumping station at Warden Road was in hand and estimates for the same were under preparation at the close of the year.

Improvement of Private Streets.

No action under Section 305 or 377 (1-A) was taken for the improvement of private streets during the year under report in accordance with the general policy laid down by the Standing Committee under Resolution No. 1040, dated the 23rd October 1940. The work on a private street off New Parbhadevi Road near the Standard Mills (length 1,030 Rf.t. and area 1,761 square yards) was completed and it was taken over and declared public under Section 306 of the Municipal Act. A private street (strips of land) along Masjid Bunder Road near Narsi Natha Street was treated as public street with the Municipal Commissioner's sanction without resort to statutory action in accordance with the advice of the Municipal Solicitors.

During the year, the works noted below were carried out departmentally at the cost of the frontagers under the provisions of Section 489 of the Municipal Act :—

Name of the Street.	Total expenditure booked during the year.
	Rs. a. p.
New Parbhadevi Road near Standard Mills	667 8 0
Matarpakhadi Oart	676 2 0
Charni Road Cross Lane off Charni Road	9 3 0
Princess Street between Rose Cottage Lane and Matarpakhadi Road (Lane A and B)...	1 10 0
Total Rs. ...	1,354 7 0

Recoveries of expenditure were made from the house-owners concerned. In 4 cases claims aggregating to Rs. 2,472-15-0 were declared "Improvement Expenses" with the approval of the Works Committee under Section 494 of the Municipal Act and steps were taken to effect recoveries from the tenants of the propert under Sections 495 and 496 of the Act.

The total expenditure on the improvement of private streets during the year amounted to Rs. 4,939-5 inclusive of interest amounting to Rs. 3,584-14-0 and the recoveries (including interest) made from the house-owners amounted to Rs. 33,257-4-0.

The amendments of certain sections of the Municipal Act referred to in my previous report are still under the consideration of the Corporation.

GENERAL.

The difficulty of getting bitumen and cement continued as before, but there was much improvement over the last year's conditions. The repairs to patches in roads were continued to be carried out either with cement or asphalt as was done last year. Whenever cement was used the thickness of cocncrete had to be at least 3". All applications for acquiring tar or asphalt had to be made to the Secretary to the Government of Bombay, General Department, and for cement to the Regional Honorary Cement Advisor, Bombay, throug the Provincial Government.

A. R. P. WORKS.

Owing to improvement in the war situation Government issued orders in December 1942 to discontinue several A.R.P. works. Most of the works undertaken by this Department were accordingly stopped except (1) Provision of aids to movement of traffic in darkened streets and (2) Housing accommodation for the staff of the essential services. All the sandbag bales were removed by Government for disposal elsewhere except a few loose bags. These are also being removed. Other protective works were similarly stopped. All reserve stock of materials was also being disposed of.

(1) Provision of aids to movement of traffic in darkened streets.

The kerbs and centre lines o f certain roads in the City were continued to be painted at the cost o Government in order that the roads could be made more visible to vehicular traffic and the expenditure incurred amounted to Rs. 63,074.

(2) Housing of staff of the essential services.

The requisitioned buildings continued to be occupied during the year under report. As a result of the re-shuffling of the staff, it was possible to release 4 buildings completely and a fifth one partially requisitioned from private owners, and some rooms in the Ex-Trust chawls. The monthly rent payable for these buildings was thus reduced from Rs. 24,575 to Rs. 21,403.

The rent of these buildings was continued to be shared equally by Government and the Municipality until December 1943 when the Bombay Government acting under instructions from the Government of India to close down all A.R.P. Measures in this Province, informed the Municipal Commissioner that they had decided not to share the rent for these buildings from 1st February 1944 and suggesed that the Municipality could continue to utilize th e buildings if they so desired, by paying half the rent themselves and recovering the remaining half from the employees. Under the financial arrangement arrived at between Government and the Municipality, this expenditure was intended to be borne equally by Government and the Municipality for the duration of the war. The matter was therefore represented to Government pointing out the difficulty of securing accommodation elsewhere for the employees and of the high rents of the requisitioned buildings half of which even was beyond their means to pay owing to the changed situation ; however, it was proposed to charge reasonable rents to the employees taking into consideration the rents paid by them for their former quarters and their paying capacity. This question was also considered by the Joint Civil Defence Committee who recommended to Government that reasonable rents should be recovered from the Municipal employees and the excess should be borne by Government and the Municipality equally. These recommendations were accepted by Government who have agreed to continue the arrangement for one year after which the matter would be reviewed. Owing to this changed policy, some employees vacated the rooms occupied by them, thus rendering it possible to releease a few more buildings. Some surplus rooms have also been let out to Municipal employees or outsiders. As a result the financial liability of th e Municipality has been reduced to nearly 50 per cent . of what it was at the beginning of the year.

STATEMENT "A"

Statement showing road, footpath, drainage and sewer works executed by contract during the year 1943-44.

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract Amount.	Actual expenditure including Establishment charges during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
1	Construction of a 42" pipe sewer in Arthur Road between DeLisle Road and Jacob Circle.	Mr. K.G. Kermani S.C.R. No. 1384 of 22-12-1941.	Rs. 1,35,421	Rs. 58,898	Rs. 99,240	Incomplete.

STATEMENT "B"

Statement showing road, drainage and other works carried out departmentally during 1943-44.

Serial No.	Name of Work.	Actual expenditure including Establishment charges during 1943-44.	Total expenditure upto 31st March 194.4	REMARKS.
1	Constructing a pucca retaining wall at the toe of Walkeshwar Road to support the embankment	27,475	73,630	Further work deferred.
2	Constructing a road and culvert over the drainage channel to the west of Globe Mill Passage	838	12,842	Complete.
	Hornby Road to Ballard Pier Scheme.			
3	Inclusion of set back land including footpath in Ghoga Street in front of Plots Nos. 11, 12 and 13	1,430	3,024	Do.
	Mahim Park.			
4	Construction of 40ft Road on the west of plot Nos. 194 and 197 with sewerage arrangements, pavement of footpath and lighting. ...	1,163	7,730	Incomplete.
5	Filling in depressions and levelling at Shivaji Park ...	3,071	3,071	Do.
	Mahim Development Scheme.			
6	Construction of 40ft Road (half width) opposite plots Nos. 10 and 11, N.S. No. 105 including footpath, S.W. drain and lighting in Mahim Development Scheme No. I	66	6,721	Complete.
7	Concreting 50ft Road off Sayani Road with sewerage and S.W. drainage arrangements, pavement of footpath and lighting in Mahim Development Scheme No. II	2,786	7,813	Incomplete.
8	Concreting 20ft Passage of Sayani Road in Mahim Development Scheme No. II	534	534	Do.
9	Construction of the proposed 40ft Road off D. L. Vaidya Road including laying s. w. drain, sewer and lighting in Mahim Development Scheme No. III	3,634	4,961	Complete.
10	Construction of 40ft Road east of Plots Nos. 44, 45, 48, 49 and 53 off Lady Jamshedji Road including footpath, drain, s. w. pipe sewer and lighting in Mahim Development Scheme No. IV ...	975	13,981	Further work deferred.
11	Concreting 50ft Road off Lady Jamshedji Road opposite "Casa Bianca" including s. w. drain in Mahim Development Scheme No. IV	7,631	8,310	Incomplete.
12	Construction of 50' Road including s. w. drain footpath and lighting on the south of Paradise Talkies in Mahim Development Scheme No. IV	4,347	6,591	Do.
13	Concreting 15ft width of carriageway at Woollen Mill Lane in Mahim Development Scheme No .VII	7,692	10,282	Do.
14	Construction of 50ft Road on the north of plots Nos. 11, 12, 13, and 23 N.S. Nos. 1402 with sewerage and s.w. drainage arrangements pavement of footpath and lighting in Mahim Development Scheme No. VII	3,021	6,153	Do.
15	Construction of 50ft Road north of plot Nos. 4 to 8 including footpath and lighting in Mahim Development Scheme No. VII ...	6,768	6,768	Do.
16	Construction of 30ft Passage, between plots Nos. 6 and 7 on 50ft Road including lighting in Mahim Development Scheme No. VII ...	4,018	4,018	Do.
17	Works in connection with the removal of the surcharged condition of the sewers in the City—			
	(1) Construction of a sump well, pumping Station, etc., at Jacob Circle	2,505	82,802	Do.
	(2) Laying a 36" C. I. rising main from Jacob Circle to Haines Road sewer	20,810	95,674	Do.
	(3) Making connections from the existing sewer and s.w. drain to the sump well	380	12,322	Do.
18	Extension of Ranade Road from Lady Jamshedji Road to Gokhale Road	3,955	51,295	Do.
19	Construction of Water Gullies on various Roads in the City—			
	(1) Providing new type of water entrances at Jackeria Masjid Street.	4,609	4,609	Complete.
	(2) Providing two single water entrances and one double in Chunam Kiln Lane	1,175	1,175	Do.
	(3) Providing water entrances in place of perforeted water entrances, manholes etc., in Old Hanuman Lane ...	2,945	2,945	Do
20	Renewing or remodelling the old subsidiary s.w. drains in the City—	227	22,476	Do.
	(1) Laying sw. drain in Durgadevi Street	2,840	2,840	Incomplete.
	(2) Laying s.w. drain in Khoja Street	3,267	3,267	Do.
	(3) Laying s.w. drain in Garibdas Street			
21	Providing Traffic Amenities—such as Traffic Islands—			
	(1) Providing traffic island at the junction of Queen's Road Band Stand and 120ft Road including lighting ...	630	1,063	Incomplete.

STATEMENT "B"

Statement showing road, drainage and other works carried out departmentally during 1943-44—Contd.

Serial No.	Name of Work.	Actual expenditure including Establishment charges during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
22	Filling in certain low lying lands in the City—			
	(1) Filling in low lying land at Hornby Vellard footpath by cutting high lands near S. P. sheds at Worli, Scheme No. 52 ...	4,926	4,926	Complete.
	(2) Levelling and cutting high land of play ground—Junction of Naigaum Cross Road and Vincent Road and removing the excavated stuff for filling in Gopi Tank	1,950	1,950	Incomplete.
23	Providing underground s.w. drains in lieu of the existing open side drains in the City—			
	(1) Construction of 12" Hume Pipe drain in D'Lima Street ...	1,821	19,825	Complete.
24	Realigning antd regrading open storm water channel from Dadar Pumping Plant upto Century Mills	3,654	13,575	Do.
25	Construction of 40ft Road between Sayani Road and Khed Gully including paving footpath— Providing water entrances, manholes over s.w. drain and lighting.	11,728	12,404	Incomplete.
26	Construction of footpaths where no footpaths exist—			
	(1) Providing with blue stone pavement the foopath at Jail Road east between Sandhurst Road and Umerkhadi Road ...	11,457	12,953	Do.
	(2) Widening footpath opposite Capital Cinema, including shifting a full size water entrance	3,791	3,791	Complete.
27	Remaking roads in accordance with demands of heavy traffic—			
	(1) Providing sett-pavement on cc. foundation between Frere and Mallet Road	1,049	1,049	Complete.
	(2) do. do. at Princess Dock, Blue Gate ...	906	906	Do.
	(3) Do. do. at Elphinstone Bridge ...	650	650	Do.
	(4) Do. do. at Princess Dock, Green Gate ...	463	463	Do.
	(5) Do. do. at Princess Dock, Red Gate ...	1,236	1,236	Do.
	(6) Do. do. at Victoria Dock, Yellow Gate ...	1,125	1,125	Do.
	(7) Do. do. opposite Masjid Bridge Road ...	654	654	Do.
	(8) Do. do. between Victoria Dock, Blue Gate and Frere Road	790	790	Do.
	(9) Do. do. at Mansion Road, opposite Ahmedabad Street	1,376	1,376	Do.
28	Renewal of surfaces of roads taken over from Ex-Trust— "Renewing the surface by concreting 10ft strip of Victoria Garden Road West side	28,605	28,605	Incomplete.
29	Laying sewers in certain roads where no sewero exist— (1) Victoria Road 2nd Cross Lane	2,416	2,416	Do.
30	Providing 18" Overflow connection from head manhole to head manhole of s.w. drain between Fergusson Road and Globe Mill Passage	2,591	2,591	Complete.
31	Permanent construction of narrow bye-lane s in the City—			
	(1) Concreting Bhaskar Lane	1,313	1,313	Incomplete.
	(2) Concreting Currey Road Cross Lane	407	3,352	Complete.
	Total ...	2,01,700	5,72,847	

STATEMENT "C"

Statement showing footpath works carried out departmentally during 1943-44.

Serial No.	Name of work.	Mode of construction.	Actual expenditure including Establishment charges during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
			Rs.	Rs.	
1	Paving footpath along Sukhalaji Street in front of School Building and 5th and 7th Kamathipura streets.	2" Precast pavement on 3" c.c. bed 1 : 4 : 8.	1,144	4,542	Complete.
2	Colaba Road North of Kitridge Road—east side and west side.	Do. do.	1,566	4,649	Do.
3	Queen's Road, west side from Churchgate to Marine Lines.	Concrete in situ	18,604	23,051	Do.
4	Queen's Road, east, between Churchgate Street and 1st Marine Street.	Precast cement concrete Slabs.	2,715	20,474	Incomplete.
	Total ...		24,029	52,716	

STATEMENT "D"

Statement showing the works carried out by contract during 1943-44 in different Ex-Trust Schemes (Budget B).

Serial No.	Name of Work.	Name of Contractor and Standing Committee Resolution No.	Contract amount Tnedered amount).	Actual expenditure including Establish ment charges during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
			Rs.	Rs.	Rs.	
1	(i) Cutting and levelling the area to the east of Sion Fort; (ii) Filling in and levelling the site of the play-ground in front of R. C. Cemetery and (iii) Filling in low lying land in Dharavi Scheme No. 56.	Messrs. Jitram Prabhudayal and Co. S. C. R. No. 1280 of 27-11-1940.	1,82,536	10,022	49,681	Contract terminated.
2	Laying a main gravitation sewer in Scheme No. 57, Sewri-Wadala.	Messrs. Universal Construction Company. S.C. R. No. 1676 of 7-2-1940.	1,41,861	20,973	53,939	Do.
			Total	30,995	1,03,620	

STATEMENT "E"

Statement of works carried out departmentally in different Ex-Trust Schemes during 1943-44.

Serial No.	Description of the work.	Sanctioned Amount.	Expenditure during 1943-44.	Total expenditure upto 31st March 1944	REMARKS.
	Scehdule 'W' Land.				
		Rs.	Rs.	Rs.	
1	Construction of the proposed road behind plots Nos. 1A and K including drainage and lighting arrangements ...	44,594	10,195	37,587	Incomplete.
2	Providing storm water drain to the east of Plot No. 4 ...	16,428	547	547	Do.
3	Filling in the open storm water drain in front of Plots Nos. 1 and 2	6,629	2,176	2,176	Do.
4	Filling in the low lying land and levelling the area behind the Worli Labour Camp	1,311	1,225	1,225	Complete.
	Scheme No. 5.—*Dadar-Matunga Estate.*				
5	Construction of the portion of carriageway of Matunga Road opp. Vithoba Temple including drainage and lighting arrangements and shifting of the existing fountain	5,437	791	2,899	Incomplete.
6	Laying out the play-ground to the east of plots Nos. 616 to 620.	6,971	2,809	6,346	Complete. Accounts are being adjusted.
	Scheme No. 6.—*Sion-Matunga Estate.*				
7	Construction of Road No. 20 with drainage and lighting arrangements	27,138	1,780	22,859	Incomplete.
8	Construction of Road No. 22 with drainage and lighting arrangements	34,607	3,407	22,390	Do.
9	Construction of the eastern carriageway of Kings way Road No. 26B commencing from the southern boundary of Scheme No. 6 including portion below the bridge on the Harbour Branch Railway upto the junction with northern end of Road No. 30 including drainage and lighting arrangements ...	21,014	8,064	8,064	Do.
10	Construction of 50ft Road No. 8 on the south of Plots Nos. 107 and 108 including drainage and lighting arrangements ...	18,920	808	18,573	Complete.
11	Construction of Road No. 15 between Roads Nos. 30 and 29 including drainage and lighting arrangements ...	13,933	5,782	12,599	Complete. Accounts are being adjusted.
12	Construction of 20ft passage to the rear of plots Nos. 103 to 110 including drainage and lighting arrangements ...	37,511	3,790	34,295	Incomplete.
13	Construction of Road No. 16 between Roads Nos. 30 and 26B, King'sway including drainage and lighting arrangements ...	25,617	7,078	15,198	Do.
14	Construction of Road No. 24C including drainage and lighting arrangements	13,208	284	2,858	Do.
15	Construction of Road No. 25 between Roads Nos. 6 and 19 including drainage and lighting arrangements ...	24,724	2,452	20,043	Do.
16	Construction of Road No. 32 between Roads Nos. 16 and 20 including drainage and lighting arrangements	43,465	15,706	25,404	Do.
17	Laying out kerbstones including drainage and lighting arrangements for Road No. 30	15,434	4,811	6,257	Do.
18	Construction of 40ft Road No. 27 between Roads Nos. 4 and 8, including drainage and lighting arrangements	21,139	198	14,169	Do.
19	Construction of Road No. 31, including drainage and lighting arrangements	15,714	7,025	10,521	Incomplete.

Statement of works carried out departmentally in different Ex-Trust Schemes during 1943-44—(Contd.)

Serial No.	Description of the work.	Sanctioned amount.	Expenditure during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
20	Diverting the existing storm water drain passing through Plots Nos. 49-66-72 and 103	17,700	685	15,954	Complete. Accounts are being adjusted.
21	Construction of 40 ft. Low Level Road to the south of the proposed railway overbridge approach	16,305	686	13,318	Incomplete.
22	Construction of Road No. 24A, including drainage and lighting arrangements	22,738	9, 23	9,223	Do.
23	Construction of Road No. 32A between Roads Nos. 30 and the proposed railway crossing with lighting and drainage arrangements	9,333	8,555	8,555	Do.
24	Construction of Road No. 24B, including drainage and lighting arrangements	8,889	3,572	4,932	Incomplete.
25	Construction of Road No. 25C, including drainage and lighting arrangements	15,498	1,286	13,182	Complete. Accounts are being adjusted.
26	Construction of Road No. 25B, including drainage and lighting arrangements	8,246	5,175	5,415	Incomplete.
27	Remodelling the alignment of road and footpath round the circle at Kingsway near plots Nos. 94, 89 and 89B ...	3,629	00	827	Do.
28	Construction of Road No. 31A, including drainage and lighting arrangements	15,576	2,644	2,644	Do.
29	Construction of 40ft Road (extension of Road No. 29), including drainage and lighting arrangements	11,173	529	529	Do.
30	Cutting and levelling the area to the east of Sion Fort for the proposed cremation ground and plot for some industry and levelling and filling in the site of the playground in front of R. C. Cemetery	48,678	13,562	15,625	Do.
31	Expenses on account of sale of quarry materials. ...	2,400	1,526	1,526	Complete.
32	Laying out the playground to the south of Plot No. 215 east...	4,899	775	1,150	Incomplete.
	Scheme No. 29.—*Nowroji Hill Estate.*				
33	Laying out the playground on Plots Nos. 67 to 71 and 75 to 78.	22,356	3,689	9,834	Incomplete.
34	Providing sewer and storm water drain in the service passage behind plots Nos. 57 to 60	5,548	...	...	Complete.
	Scheme No. 31.—*Parel.*				
35	Laying out the play ground to the east of Plots Nos. 128 to 133.	34,500	...	31,632	Do. Accounts are being adjusted.
	Scheme No. 32.—*Agripada Estate.*				
36	Laying out the recreation ground between Cirus Avenue, Souter Street	15,000	4,686	5,148	Incomplete.
37	Construction of a passage between DeLisle Road and Pais Street opposite Byculla Railway Station	7,692	198	7,018	Do.
	Scheme No. 47.—*Parel Road.*				
38	Laying out the recreation ground between Arthur Road and 120 ft. Eastern Avenue opposite Dinshaw Petit Mills ...	10,322	50	5,377	Do.
39	Construction of the proposed 20 ft. passage in Case No. 124 ...	3,797	3,768	3,768	Complete. Accounts are being adjusted.
	Scheme No. 52.—*Worli.*				
40	Providing a close drain and filling in the existing open one between Worli Road and Cleavland Bunder Sluice Gates ...	3,520	869	1,303	Complete.
41	Construction of 60 ft. Road parallel to Worli Sea Face Road extension for a length of 475 ft. including drainage and lighting arrangements	7,692	201	3,988	Incomplete.
42	Construction of the proposed 40 ft. Road No. 11 between Roads Nos. 100ft Worli Road and Road No. 5B ...	21,605	25	25	Incomplete.
43	Providing cement concrete passages in the recreation grounds (1) adjoining to plots Nos. 81 and 90 and (2) between plots Nos. 15 and 17	5,634	835	5,606	Complete
	Scheme No. 56.—*Dharavi.*				
44	Construction of 60ft Road in continuation of the portion already constructed near the new labour camp upto Dharavi Road with underground works and lighting	30,628	1,639	4,581	Incomplete.

Statement of works carried out departmentally in different Ex-Trust Schemes during 1943-44—(Contd.)

Serial No.	Description of the work.	Sanctioned amount.	Expenditure during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
	Scheme No. 57.—*Sewri-Wadala.*				
45	Construction of a main gravitation sewer in Sewri-Wadala area.	1,02,547	15,748	15,748	Incomplete.
46	Construction of Road No. 15 from the junction of Road No. 4 to Road No. 18 and from the junction of Kingsway to the junction of Road No. 4, including drainage and lighting arrangements	29,122	12,957	13,413	Do.
47	Construction of Roads Nos. 1, 1A and 10 between the existing Matunga Road the proposed road No. 14A and the junction of Roads Nos. 10, 14A and 15, including drainage and lighting arrangements	25,997	15,712	16,357	Do.
48	Construction of Road No. 14A, including drainage and lighting arrangements	24,067	10,065	11,159	Do.
49	Construction of the junction of Matunga Road and Roads Nos. 10, 14A and 15, including drainage and lighting arrangements	6,845	4,545	5,361	Do.
50	Providing storm water drainage arrangement for the area near about the European Burial ground at Sewri ...	2,229	1,460	1,460	Complete.
51	Construction of Road No. 7 to the south of the Khalsa College including drainage and lighting arrangements ...	71,194	10,786	41,862	Incomplete.
52	Construction of Road No. 16, including drainage and lighting arrangements	29,993	7,348	9,629	Do.
53	Construction of Road No. 7A including drainage and lighting arrangements	12,891	7,654	7,654	Do.
54	Construction of Road No. 9A, including drainage and lighting arrangements	18,896	623	9,447	Do.
55	Construction of Road No. 19, including drainage and lighting arrangements	5,949	5,636	5,636	Do.
56	Construction of Road No. 19A including drainage and lighting arrangements	5,418	4,202	4,202	Do.
57	Construction of Road No. 18, including drainage and lighting arrangements	7,950	4,360	4,360	Do.
	Scheme No. 58.—*Worli Extension.*				
58	Cutting a portion of Worli Hill and construction of Sea Wall.	1,30,853	41,413	48,367	Do.
	Scheme No. 72.—*Tripartite Road.*				
59	Construction of road including drainae and lighing arrangements	86,857	33,683	63,798	Do.
	Total ...		3,19,503	6,93,614	

STATEMENT "F"

Statement showing the repairs and maintenance of Roads and Footpaths.

Kind of Roads.	MILEAGE AT THE beginning of the year.	MILEAGE AT THE End of the year.	TOTAL AREA AT THE beginning of the year.	TOTAL AREA AT THE End of the year.	Area repaired during 1943-44.	Expenditure incurred durin 1943-44.	Average Rate per 100 sq. ft.	REMARKS.
			sq. yds.	sq. yds.	sq. yds.	Rs.	Rs.	
(1) Water-bound Roads ...	5.91	5.91	1,00,553	1,00,553	17,971	21,101.50	13.04	
(2) Bituminous Roads ...	171.72	171.308	31,96,382	31,88,375	1,04,398	1,61,559.00	17.10	
(3) Sheet Asphalt Roads ...	51.91	51.91	11,93,538	11,93,538	1,390*	3,401.50	27.90	* Repairing done by semi-grouting method and B. C. Patching etc., as the Asphalt Plant was closed during the year.
(4) Concrete Roads ...	22.61	24.68	4,07,226	4,29,345	12,777	1,00,290.60	87.40	
(5) Sett-paved Roads ...	9.57	9.664	1,58,625	1,59,310	2,425	13,448.70	61.60	
(6) Kutcha Footpaths ...	34.17	33.18	6,04,807	5,97,693	4,800	9,920.12	22.90	
(7) Road watering ...	11.66	10.56	1,08,418	1,01,223	1,02,079	11,604.00	1.20	
					2,45,840	3,21,325.42		

STATEMENT 'G'

Works carried out from the Renewal of Road Surface Fund.

Serial No.	Name of Work.	Mode of construction.	Sanctioned amount.	Actual expenditure during 1943-44.	Total expenditure upto 31st March 1944.	REMARKS.
			Rs.	Rs.	Rs.	
1	Renewing the sett-pavement of (1) Dongri Street from Bhandari Street to Mirchi Street &(2) Mazagaon Road including Hancock Bridge.	6" sett-stone pavement on existing cement concrete bedding.	33,402	12,709	15,256	Incomplete.
2	Renewing the road surface of Wadi Bunder Road from Mazagaon Road to Reay Road.	5" all concrete surface...	38,765	36,760	36,760	Do.
3	Lady Jamshedji Road from Mahim Bazar Cross Road to Mahim Chowk.	3" sheet asphalt and 10' c.c. strip on sides.	1,16,245	23,700	23,700	Do.
4	Concreting 10' strip of Hornby Road from Municipal Office to J. J. School of Art.	4" concrete strip on existing c.c. bedding.	7,817	7,432	7,432	Complete.
5	Concreting 10' strip of Arthur Road from Dhobi Ghat to DeLisle Road.	Do. do. ...	20,250	59	59	Incomplete.
6	Renewing the sheet asphalt surface of Foras Road from Falkland Road to Bellasis Road.	4" concrete on existing c.c. bedding.	49,432	2,976	2,976	Do.
7	Renewing the sheet asphalt along DeLisle Road from Haines Road to Clerk Road.	Do. do. ...	56,838	2,915	2,915	Do.
		Total ...		86,551	89,098	

VI.—KURLA DEONAR RAILWAY.

Removel of Town refuse to Deonar

The bulk of the Town refuse was as usual transported to Deonar in railway wagons. Two trains consisting of an average of 29 wagons were despatched to Deoar every day. The total number of wagons despatched during the year under report was 20,910 as against 20,652 during the previous year. Taking an average of 12 tons per wagon, the quantity of refuse removed to Deonar comes to about 2,50,920 tons as gainst 2,47,824 tons of the previous year. The cost of removal of the refuse and its disposal amounted to Rs. 3,32,225 against Rs. 2,99,878 of the last year. This gives a rate of Rs. 1-5-3 per ton as against Rs. 1-3-4 per ton during the preceding year.

Rolling Stock and permanent way.

The total strength of the municipal wagons was 181 as detailed below:—

147 Refuse wagons.
19 Silt wagons.
9 Carcass wagons.
6 Brakes.

181

Repairs and maintenance of wagons.

The cost of repairs and maintenance of the wagons and the Sidings at Mahalaxmi amounted to Rs. 67,961-4-0 as against Rs. 60,247-14-0 for the last year.

Reclamation work.

An additional land of 6 acres was reclaimed during the year under report. The refuse was also dumped over the land alrready filled in but which had subsided owing to fire and rain. The total area so reclaimed is now 337 acres out of a total reclaimable area of 823 acres.

Income.

The total income realised from various sources such as cultivation of land admeasuring about 343 acres, right of fishing and temporary letting of a portion of the land amounted to Rs. 44,043 against Rs. 32,133 in the preceding year.

Labour Staff.

The work of unloading wagons was carried out by departmental labour housed at Deonar at a cost of Rs. 93,282 as against Rs. 80,084 in the preceding year.

Amenities provided.

The amenities provided in the Labour Camp for the benefit of the staff such as free medical aid and free primary education were continued during the year under report. Literacy classes for the adult municipal employees were also started in the Camp during the year under report wherein about 40 persons are receiving instruction. Preparations are being made to establish a Welfare Centre for the benefit of the labour staff. The grain shop which was started last year for the Municipal employees has been converted into an authorised ration shop wherein all controlled as well as other household articles are being sold.

Accident, fire and derailment.

No cases of major fires, accident or derailment of railway wagons occurred on reclamation during the year. A small fire was noticed on one occasion on the reclamation and consequently the dumping operations had to be shifted to another place.

GENERAL.

The scheme for laying a pipe line from Dadar Sewage Purification Works to Deonar for conveying either effuent, sewage or sewage sludge for irrigation of lands belonging to private persons as well as municipal land at Kurla and Deonar has been approved by the Corporation, but owing to the non-availability of the materials due to the conditions created by war, the work could not be taken in hand It will be undertaken on the return of normal times.

The incinerator at Love Grove constructed for the destruction of refuse locally with a view to reducing the number of refuse wagons despatched to Deonar did not work during the year under report owing to a break down. Repairs have been carried out and the incinerator will begin to function early in the current year.

B. B. Patkar
Ag. City Engineer.

ESTATES AND LAND MANAGEMENT.

Administration Report for the year 1943-44.

NEW SCHEMES.

Progress of New Improvement or Street Schemes taken up after the Amalgamation of the Trust with the Municipality.

Scheme, 72, Tripartite Road Improvement Scheme.

The Scheme is completed so far as the acquisition work is concerned. The construction of the proposed Tripartite Road is in progress. In the reference filed in the High Court by the claimant of Case No. L.A.Q. 33/1, points of Defence have already been drafted by the Government Solicitors in consultation with the Expert Valuer. The reference will appear on the Board of the High Court for hearing shortly.

Scheme 73, Paltan Road Estate Improvement Scheme for accommodating poorer and working classes.

The construction of the third and last block which is the only work remaining, will be taken in hand as soon as the restrictions on the construction of buildings are removed by Government.

Scheme 74, Sion-Overbridge Improvement Scheme.

Out of the 3 properties in the Scheme, 2 properties bearing Cases Nos. 38/2 and 38/3 have been acquired. The proposal for an amicable settlement of acquisition in respect of the remaining property, *viz.*, Case No. L.A.Q. 38/1, has been sanctioned by the Corporation under their Resolution No. 880 dated the 13th January 1944 and the case is proceeding before the Land Acquisition Officer.

Slum Service and Clearance.

During the year under report, the undermentioned works in connection with the service of slum areas in the City were carried out:—

(*1*) *Construction of drains and filling-in S.W. Channels from Fergusson Road to Haines Road.*

The drain has been already laid and the channel filled up. The work of providing over-flow connections has been completed departmentally.

(*2*) *Closing of open storm water channels from Worli Road to Sluices.*

The work has been held in abeyance for want of materials due to war conditions. The portion excavated has been filled up.

(*3*) *Realigning and regrading open S.W. Channels from Dadar Pumping Plant upto Century Mills.*

The work of covering a portion of 55 feet in length of the open drain has been completed departmentally.

Schemes for Slum Clearance and Town Planning.

(*1*) *Scheme for the widening of Kelewadi Lane to 20' and extending it to meet Queens Road in front of Charni Road Railway Station.*

Negotiations with the owners of the properties that are affected by the Scheme are in progress. The passage will be thrown open to the public as soon as the land is acquired.

(*2*) *Proposal for the lay-out of 72' Road connecting Girgaum Road with Queens Road and 40' Road connecting 72' Road with Mangalwadi.*

The execution of the Scheme has been postponed till the amendment of the Municipal Act is sanctioned by Government and in the meantime road lines are being prescribed.

(*3*) *Improvement of Lohar Chawl Lane off Wanzawadi at Mahim.*

It is proposed to notify this scheme shortly under Section 354(1)(*i*) of the Municipal Act.

(*4*) *Mahim Development Schemes.*

The Corporation are being requested to approach Government for the application of the Town Planning Act to this area.

The proposal for the amendment of the Municipal Act with a view to facilitating the removal of the slums in the City is under consideration of the Law Revenue and General Purposes Committee and the Corporation.

ACQUISITION OF LANDS.

(*Land Acquisition Officer's Cases in respect of Old Slums notified prior to Amalgamation*).

The acquisition of Case No. 7-A of Scheme 58, has been completed. Three other cases having an area of 4,649 square yards detailed below still remain to be acquired:—

(1) Revised terms of settlement of Cases Nos. 538 and 538-A, Scheme 5 (Vithoba Temple at Matunga) having been sanctioned by the Improvements Committee, the Municipal Solicitors have revised the draft agreement and the same will be shortly forwarded to the claimants for approval.

(2) Amicable settlement of another temple property bearing Case No. 374, Scheme 5, having been sanctioned by the Improvements Committee, the Municipal Legal Assistant has prepared the draft agreement. On completion of the documents, the Land Acquisition Officer will be requested to open his inquiry into the case.

(3) Amicable settlement in respect of Case No. 232, Scheme 37, has been arrived at and the Land Acquisition Officer is to issue his award.

Changes in ex-Trust Estates.

There have been no changes in any of the Schedule lands.

The net changes effected in the ex-Trust Estates are set out in the following statement:—

Change in	As at the beginning of 1943-44, Square Yards in thousands.	As at the end of 1943-44, Square Yards in thousands.
Area permanently leased	4,431	4,623
" of Trust Chawls Sites	190	190
" of Buildings resumed	3	3
" Sold	9	9
" reserved for a Municipal Market	2	2
" yet to be permanently leased	651	495
Total ...	5,286	5,322
Rent of permanently leased area	Rs. 37.8 lakhs.	Rs. 38.82 lakhs.
Undeveloped Land.		
Area in thousands of square yards	6,086	6,048
Cost of acquisition	Rs. 220 lakhs.	Rs. 218 lakhs.

It will be seen that at the end of 1943-44, out of the total of 1,39,36,000 square yards (about 2,879 acres) vested in or acquired by the ex-Trust, about 43 per cent. remained to be developed, and of the developed area about 9 per cent. remained to be leased. The average value of the leased plots is Rs. 20 per square yard and that of plots which remain to be leased is estimated at Rs. 18 per square yard.

Progress of Development.

During the year under report, no regular development was proposed. The Corporation, however, sanctioned the revised development of the Worli Hill, Scheme 58, enclosed by Worli Road, Love Grove and the proposed Sea Face Road under which two new roads were provided and alignment of the other roads was altered with a view to giving better access and making certain plots of good size. The detailed layout of this area will shortly be submitted to the Corporation. As offers for two plots, having an aggregate area of 37,873 square yards, in Dharavi Estate were received, the layout pertaining to these 2 plots only was sanctioned and the plots were disposed of. So also the layout of 1 plot having an area of 9,342 square yards in Sewri-Wadala South Estate was sanctioned and the plot was disposed of. Revision of the layout of certain plots was also sanctioned by the Corporation as mentioned below :—

Scheme 29, Nowroji Hill Estate.

The layout of plots 107, 108 and 109 was revised whereby the 10′ service passage admeasuring about 80 square yards between plots Nos. 108, 107 was thrown into the plot area.

Scheme 52, Worli Estate.

The revised layout of plots 96-E, 96-G and 96-H was sanctioned whereby the three plots were converted into two plots.

As the Government of Bombay had selected a site, the total area of which was more than the area of the 4 plots for a Police Station, Police Quarters and cells for prisoners, parts of plots 138 and 158 were added to plots Nos. 136, 137, etc., and 159 and the revised layout for the same was sanctioned. This necessitated further shifting of plots 139 and 157 towards the south.

Scheme 60, Naigaum Estate.

Plots 60 and 61 were sub-divided into 11 smaller plots and their layout was sanctioned.

Dishousing and Re-housing.

There were practically no vacancies in the Chawls during the year under report.

Members of the menial staff, who are entitled to receive house rent allowance, continued to occupy rooms rent-free in lieu of house-rent allowance. Their number was 460 on 31st March 1944. Railway passes are being issued at municipal cost to such of them as are obliged to reside beyond one mile from their place of work.

During the year, 10 acquired buildings containing 58 tenements and 3 garages were demolished.

The new residential accommodation made avilable in the houses erected by the lessees of the Ex-Trust Estates during the year, excluding shops and other non-residential quarters amounted to 63 tenements.

It will be seen from Appendix "D" that the total number of tenements provided up-to-date in all the Trust Estates including those erected by the Development Department and the several Mill Companies exceeds the total number of tenements demolished by 31,037 as shown below:—

(a) Tenements provided in Trust Chawls including 3-room and 2-room tenements and Cottages at Matunga ...	10,010
(b) Tenements provided in Chawls erected by the Spring Mills, the Century Mills, the Kohinoor Mills and the David Mills and in Chawls erected by the Development Directorate on the Ex-Trust Estates and the various Police Accommodation Schemes ...	18,555
(c) Tenements provided in the Semi-permanent rooms erected by the Ex-Trust ...	3,617
(d) Tenements provided in the Lessees' Buildings ...	37,270
Total ...	69,452
Less.—Tenements demolished ...	38,415
Excess of new tenements over demolished ones ...	31,037

DISPOSAL OF LANDS.

Long Leases.

The number of plots let during the year was 124, having a total area of 1,91,773 square yards (40 acres), and valued at Rs. 36,28,023. No plots were resumed during the year. The total number of plots disposed of upto the end of 1943-44 is 3,608 with an area 48,12,909 square yards (994 acres) and valued at Rs. 9,38,70,580 having an annual rent of Rs. 38,82,982. The rate at which the ground rents are capitalised in the various tables in this report is at 22½ years' purchase for plots let before 23rd November 1920 and 18 years' purchase thereafter.

The progress in the disposal of Trust lands during the year was as follows :—

No.	Particulars.	No. of Plots.	Area in sq. yds.	Capital Value. Rs. a. p.	Annual Rent. Rs.
I	Plots leased (rent) ...	61	80,053	18,46,800 0 0	1,02,600
II	Plots leased (premium paid) ...	63*	1,11,720	17,84,223 12 0	(A) 55
III	Land Sold ...	...	...	...	...
	Total ...	124	1,91,773	36,28,023 12 0	(B) 1,02,655
	Corresponding figures for:—				
	1942-43 ...	212	2,91,736	46,17,577 2 0	1,69,627
	1941-42 ...	115	1,40,395	15,01,193 11 0	56,385
	1940-41 ...	270	2,89,326	29,43,015 2 0	1,20,993

* Out of 63 plots, 11 plots were leased in 3 lots in a group at a nominal rent of Re. 1 per annum, in each case.

(A) Interest on the premia may be taken at 6 per cent. *i.e.*, equal to about Rs. 1,06,873.

(B) If the interest on the premia is taken into account the result will show a figure of Rs. 2,09,473 instead of Rs. 1,02,655.

The details of leasing in each estate are given below:—

Estate.	No. of Plots.	Area in sq. yds.	Capital Value.	Annual Rent.
			Rs. a. p.	Rs.
Sion-Matunga	1	1,020	21,456 0 0	1,192
Nowrji Hill	5	2,940	1,13,311 0 0	4,425
Suparibaug	2	1,467	1,27,223 0 0	2
East Agripada North } East Agripada South }	6	2,959	1,75,235 0 0	6,927
Sydenham Road	1	452	81,019 0 0	1
Mazagaon	3	3,174	1,44,648 0 0	8,036
Worli	52	95,019	18,32,781 2 0	37,366
Sewri-Wadala North } Sewri-Wadala South }	37	38,535	7,07,630 0 0	38,601
Naigaum	15	8,334	1,29,659 10 0	1,740
Dharavi	2	37,873	2,95,061 0 0	4,365
Total ...	124	1,91,773	36,28,023 12 0	1,02,655

In point of number, area, capital value and rent, the result shows a considerable decrease over the previous year. This is due to the fact that very small areas of developed land are now available for disposal. The decrease is due to one or more of the following reasons :—

(1) Large areas in Sion, Sewri-Wadala and Worli are under Military occupation for the duration of the war.

(2) Construction of Semi-permanent sheds for housing the poor people in Sion, Wádala and Gowari villages have been deferred due to war conditions and hence the areas occupied by the acquired properties cannot be disposed of until housing acocommodation is provided.

(3) Engineering works such as the laying of sewers, drains, etc. , cannot be taken in hand and so plots do not become ready for disposal.

It will however be observed that the rate per square yard realised was higher than that realised in the previous year. This is due to the fact that despite Government restrictions on construction of buildings, demand for plots continued to be as keen as before and higher rates were realised in respect of plots leased mostly by auction.

Short Leases.

There were 647 acquired buildings in charge of the Bombay Municipality (Improvements) at the commencement of the year. 10 buildings were demolished and 4 were sold. Thus at the end of the year there were 633 buildings containing 5,422 tenements. The net change during the year was as under :—

Date.	No. of Buildings.	Tene-ments.	Gross rental in lakhs.	1-Room tene-ments.	2-Rooms tene-ments.	Larger tene-ments.	Shops.	Godowns.	Factories.
			Rs.						
31-3-1943 ...	*647	5,752	7.71	4,321	718	287	250	167	9
31-3-1944 ...	633	5,422	7.39	4,025	709	285	234	166	3

* The number of buildings standing as on 31st March 1943 was 656 as mentioned in the last year's report. The difference in the figures is due to the 9 buildings in Schems 57 demolished in the previous year not having been deducted from the gross number of buildings.

The rents realised from acquired buildings in 1943-44 aggregated to Rs. 7,48,652 and the total temporary revenue realised during the year Rs. 10,69,149, which compares favourably with the corresponding figures of the previous two years as shown below :—

Particulars.	1941-42.	1942-43.	1943-44.
	Rs.	Rs.	Rs.
Rent from acquired or surrendered buildings	6,78,074	6,61,796	7,48,652
Rent from lands let for temporary structures	2,04,360	2,68,988	2,82,839
Rent from letting for storing materials (including sundry revenue)	6,175	2,053	2,154
Rent from cultivation rights, etc.	34,143	27,753	35,504
Total ...	9,23,027	9,60,490	10,69,149

The increase in revenue is due to large areas let to Government for Military purposes.

The full letting value of the 10,289 rooms including shops, godowns,looms, etc., in the Ex-Trust Chawls was Rs. 9,62,211 as on 31st March 1944 (*vide* Appendix "C" and footnote).

The gross demand of the Ex-Trust Chawls for the year was Rs. 9,62,211. The net demand for the year after excluding the amount of Rs. 1,314 for vacancies and Rs. 42,980 for concessional rents was Rs. 9,17,920. The revenue actually collected came to Rs. 9,14,584 which is equivalent to 99.64 per cent. of the net demand for the year.

The gross demand for the year 1943-44 of 2,842 rooms in the semi-permanent sheds including the permanent ground floor rooms and sheds known as Labour Camps was Rs. 1,60,523. The net demand for the year (excluding Rs. 334 for vacancies and Rs. 3,723 for concessional rents) was Rs. 1,56,466. The amount actually collected came to Rs. 1,59,029 which is equivalent to 101.63 per cent. of the demand.

The monthly rent charged for rooms in the permanent chawls built by the Ex-Turust ranges from Rs. 4-15-0 to Rs. 12 for one-room tenements, from Rs. 17 to Rs. 23 for two-room tenements and from Rs. 30 to Rs. 35 for three room tenements.

The percentage of outgoings is shown below. On the basis of the maximum annual rental of Rs. 9,62,211 of full letting value of the Chawls on 31st March 1943, the total outgoings come to 52.01 per cent. out of which 0.13 per cent. is due to vacancies, which means that the actual outgoings are 51.88 per cent.

Statement showing percentage of outgoings in different items :—

Particulars.	Permanent.		Permanent ground floor rooms and S. P. Sheds.*		Remarks.
	1942-43.	1943-44.	1942-43.	1943-44.	
Sanitary Staff	5.87	6.95	8.30	10.46	* Including Labour Camps.
Pumpmen	0.20	0.24	...	...	
Cost of Management and Establishment ...	7.50	7.50	7.50	7.50	
Municipal Rates and Taxes	15.28	15.27	15.68	15.38	
Repairs and Maintenance including Lighting Charges	27.50	21.92	17.11	19.69	
Vacancies	2.09	0.13	2.36	0.20	
Total ...	58.44	52.01	50.95	53.23	

The gross annual income from the permanent Chawls came to Rs. 9,14,584 or 6.04 per cent. of the cost of Chawls, *viz.*, Rs. 151.53 lakhs including value of the land (*vide* Appendix "C"). Deducting the outgoings of Rs. 4,99,000 the net income came to Rs. 4,15,584. The Corpration have to pay interest and sinking fund charges at the rate of 4.61 per cent. of the Capital expenditure prior to 1919-20 and at 6.35 per cent. per annum of the expenditure incurred subsequent thereto. This amounts to 8.88 lakhs per annum showing a loss of about 4.26 lakhs for the year and is equivalent to a loss of about 41.37 per room per annum.

The average population in the chawls during 1943-44 was 45,168 as against 38,322 and 33,259 in 1942-43 and 1941-42 respectively, whilst the corresponding figures for semi-permanent sheds (excluding Labour Camps) were 6,113, 5,816 and 4,365, respecitively.

The death rate in the Ex-Trust Chawls during the year was 5.1 per 1,000 against 5.0 and 8.1 in the year 1942-43 and 1941-42, respectively.

Collection of Revenue.

Details of the collection can be seen from the following table :—

Particulars.	Revenue.		Total.
	Permanent.	Temporary.	
Amount for collection—	Rs.	Rs.	Rs.
Demand for the year	31,71,195	24,00,675	55,71,852
Arrears	*4,25,790	†† 5,70,659	9,96,449
Total ...	35,96,985	29,71,316	65,68,301
Amount collected	32,60,044	21,43,801	54,03,845
Amount written off	1,577	21,162	22,739
Arrears as on 1-4-1944	3,36,941	††† 8,06,353	11,43,294
Do. 1-4-1943	4,25,794	5,70,647	9,96,441
Do. 1-4-1942	5,44,098	5,19,094	10,63,192

* The difference of Rs. 4/- in the opening arrears may be attributed to the reduction in demand on account of modification made subsequently due to commutation etc.

†† The increase of Rs. 12/- in the opening arrears in due to excess recovery on account of adjustment of deposit.

††† The increase in closing arrears is due to the amount of Rs. 4,55,911/- due in respect of temporary lettings to the Government of India Departm nts. These will be recovered in the following year. If these are excluded, the arrears would come to Rs. 3,50,442/- as against Rs. 5,70,647 in the previous year.

Legal.

In the year under review, 439 Ejectment and Claim suits were filed against the tenants who had run into arrears and the total cost incurred in respect of these suits came to Rs. 4,473-10-0 which was recovered during the year along with Rs. 54-8-0 being the arrears pertaining to the previous year.

(*1*) *High Court Suit No. 934 of 1935 in respect of Plot No. 26, Sandhurst Road East Estate.*—The Legal Assistant's Bill of Costs in respect of this suit is ready and will be lodged for taxation after ascertaining the whereabouts of the heirs of Mr. Bajid Gulab and whether they own any moveable or immoveable property which could be attached for the recovery of the said taxed costs and the amount due under the decree.

(*2*) *High Court Suit No. 52 of 1936 in respect of Plot No. 28, Nowroji Hill Estate.*—After the adjudication order against the 1st Defendant, Mr. Gulamally Haji Karmally was annulled, information was received that he owns certain property at Bandra. A search will therefore be taken in the Bandra Sub-Registry to collect further particulars of the said property.

(*3*) *High Court Suit No. 569 in respect of Plot No. 27, Sandhurst Road East Estate, and Plots Nos. 4 and 5, Sydenham Road Estate.*—A further sum of Rs. 2,595-15-0 was received from the Court Receiver. It is learnt that one of the Defendants has become insolvent and execution proceedings will be taken against other Defendants, if considered advisable.

(*4*) *High Court Suit No. 564 in respect of Plot No. 48, Nowroji Hill Estate.*—Papers for execution proceedings by attachment of the money lying as deposit with the Municipality in the joint names of the Defendants' Bai Shirinbai and her son Sadrudin Alimahomed are being prepared.

(*5*) *High Court Suit No. 1326 of 1938 in respect of Scheme No. 57, Case No. 320, let to Mr. Kisanlal Madhavlal.*—Possession of the property in suit was taken but no proceedings for the recovery of the decretal amount could, so far, be taken as it is reported that the Defendant has no property.

(*6*) As regards Suparibaug Estate Plot No. 24 leased to Mr. Trikumdas Thakkar, the suit being Suit No. 512 of 1944 has been filed against Messrs. Haridas Tricumdas and others and the same is pending.

(*7*) *High Court Suit No. 501 of 1942 in respect of Plot No. 1-A, Mahalaxmi Flats.*—A decree was passed on 6th May 1942 against the Defendants, Messrs. Dattadin Sukhal and others and accordingly possession of the plot was handed over by them. Further action will be taken against the parties after ascertaining whether they own any property.

(*8*) A suit, being High Court Suit No. 256 of 1943 has been filed against the Defendants, Mr. Pherozesha A. Clerke and another for the recovery of rents due and negotiations for the settlement of the said suit are pending.

(*9*) In respect of Scheme 37, Plot M/3, Mahomedally Road Estate, a suit being High Court Suit No. 223 of 1943 was filed against the Defendant, Bai Khatizabai G. Rupawalla for ejectment and for recovery of arrears of rent and a decree was obtained on 29th June 1943. All the arrears of rent and taxes have now been recovered from the Defendant and for the present no execution proceedings are required to be taken against her.

A comparative statement showing the number of permanent tenancies with demand and collection as on 31st March of the past 4 years is given below :—

Particulars.	1941.	1942.	1943.	1944.	Remarks.
Number of tenancies	2,520	2,628	2,829	2,868	
Demand for the year in lakhs of Rs.	32.42	31.95	31.95	31.71	
Amount for collection in lakhs of Rs.	38.46	37.53	37.38	35.96	
Actual collection in lakhs of Rs.	32.88	32.09	33.12	32.60	
Arrears in lakhs of Rs.	5.58	5.44	4.26	3.36	
Percentage of arrears to amount for collection ...	14.50	14.49	11.39	9.34	
Percentage of collection to demand	101.41	100.44	103.66	102.8	

The percentage of 9.34 of arrears can be attributed to the usual tendency on the part of the new building tenants to withhold payment of ground rents to the extent of the cash security deposits paid by them with a view to getting the same appropriated by adjustment. Adding to the collection, the payments on account of rents withheld by lessees, *viz.*, Rs. 15,414 to the extent of their security deposits and Rs. 8,323 held in deposit pending adjustments in respect of Plot No. 11-A of Scheme 29, etc., and deducting from the demand Rs. 1,18,673 for which legal action has been sanctioned by the Standing Committee in respect of plot Nos. 27, 28 & 49 of Scheme 29, Plot Nos. 4 & 5 of Scheme 37, Plot Nos. 26 & 27 of Scheme 3, Plot No. 25-c of Scheme 52 & Plot No. 24 of Scheme 31 the demand will be Rs. 34·78 lakhs, arrears Rs. 1·95 lakhs and the percentage of arrears to demand 5.61.

Land Acquisition and Management.

Municipal Section—Schemes, Overbridges, etc.

Scheme for the Widening of 1st Marine Street, Dhobitalao.—The claimants in Case No. L.A.Q.16/5 have, after long correspondence, produced some of the documents of title for inspection by the Legal Assistant, but as they are found inadequate to establish their title to the land, a further search is being made by the Legal Assistant. Agreement in terms of settlement sanctioned by the Improvements Committee will be prepared after completing the search as regards the title.

The Deed of Exchange in respect of the plot belonging to the Government of India included in the Scheme with the two plots belonging to the Municipality has since been completed.

Hornby Road to Ballard Pier Scheme, Case No. M/436.—Engrossment of Conveyance in respect of set-back land at Cawasji Patel Street which is approved by the claimants is forwarded to them by the Legal Assistant for execution. On the execution of the Conveyance, arrangements will be made for the denotification of the case.

Scheme for revising the lay-out of Hornby Road to Ballard Pier.—Reference filed by the claimant in Case No. L.A.Q. 1/5 has been settled as per terms and conditions sanctioned under Standing Committee Resolution No. 781, dated the 1st September 1943 and a consent decree for a sum of Rs. 2,500 has been passed against the Municipality by the High Court, each party to bear its own costs of reference.

The reference filed by the claimant in Case No. L.A.Q. 1/6 has also been settled as per terms and conditions sanctioned under Standing Committee Resolution No. 814, dated the 9th September 1943 and a consent decree for a sum of Rs. 3,500 has been passed against the Municipality by the High Court, each party to bear its own costs.

Acquisition of the Khardi Village Gaothan (Thana District) for prevention of contamination of Tansa Catchment.—The Government of Bombay have been informed of the approval of the Corporation to the proposal to advance Rs. 35,000 to the District Local Board to be adjusted subsequently against the compensation to be awarded by the Land Acquisition Officer for providing one tank and six wells for water supply in the new Gaothan, subject to certain conditions. The decision of the Government to notify the properties included in the old Gaothan under Section 6 of the Land Acquisition Act is awaited.

Acquisition of land for the construction of additional Purification Works, Tulsi Pipe Line, Dadar.—All the properties included in the scheme have been acquired. No date has yet been fixed for the hearing of the High Court reference filed by the claimant in Case No. L.A.Q. 45/6.

Acquisition of land for the construction of 50′ Road from Bhawanishankar Road to Tulsi Pipe Line off Sewage Purification Works at Dadar.—All the properties included in the scheme have been acquired. A small strip of land in Case No. L.A.Q. 40/2 admeasuring 113 square yards which is not required for the purpose of the road has been agreed to be sold to the claimants in terms of an amicable settlement under a conveyance which is under preparation by the Legal Assistant.

The Conveyance in respect of one of the three plots required for the scheme is nearing completion, while the preparation of Conveyances in respect of the remaining two plots could not be taken in hand as the vendors did not produce documentary evidence of title.

Acquisition of land for the construction of quarters for the staff and Compressor Station for the Sewage Purification Works, Dadar.—The Deed of Conveyance in respect of an area of 142 square yards out of Case No. L.A.Q. 41/2 has been prepared by the Legal Assistant in accordance with the terms of settlement and will be sent to the purchaser for approval.

Acquisition of land for the construction of a portion of 40′ road off Cadell Road South.—The case has not yet reached the board of the High Court for hearing of the Reference.

Acquisition of land for the proposed 40′ and 50′ roads off Lady Jamshedji Road.—Notification under Section 6 of the Land Acquisition Act for acquisition of the two properties included in the Scheme has been published by Government and the case is now proceeding before the Land Acquisition Officer under Section 6 of the Land Acquisition Act.

Acquisition of properties off Maruti Street, bearing C.S. No. 851 and 867 of Fort Division in connection with the construction of the proposed extension of the 60′ Parsi Bazar Street.—Notification under Section 4 of the Land Acquisition Act for the acquisition of the two properties included in this scheme has been published by Government. The claimant being a person of unsound mind, the High Court has sanctioned the appointment of a manager to look after the affairs of the claimant in the acquisition proceedings. The Collector of Bombay has been requested to arrange to issue notifiction under Section 6 of the Land Acquisition Act.

Mahim Development and other Schemes.

Ranade Road Extension Scheme.—No dates have yet been fixed for the hearing of the High Court references filed by the claimants in Cases Nos. L.A.Q. 2/, 2/3 and 2/14 of this scheme. The surplus land that was not required for the construction of the road has been agreed to be leased or sold.

Lease of Port Trust land to the Municipality at Mahim Causeway for Municipal Town Duty Office.—Possession of the land admeasuring 202 2/9 square yards (excluding the portion of set-back) agreed to be leased for 50 years has been taken over by the Municipality. The draft lease in connection with the land taken over by the Municipality will now be prepared by the Bombay Port Trust.

Purchase by the Municipality of property bearing C.S. No. 1006 (part) of Mahim Division.—The draft conveyance in respect of the land absorbed in foot-path and 50' road prepared by the Legal Assistant has been approved by the vendors and the same is being engrossed.

Taking over the maintenance of the Sewerage Pumping Station of the Bombay Development Department Chawls originally erected by Government, C.S. No. 147 part of Sewri Division.—The proposal to take up the sub-lease of the site from Government for 82 years from 20th August 1940 has been sanctioned by the Improvements Committee under their Resolution No. 560, dated the 26th January 1943. The draft sub-lease prepared by Government has been approved by the Municipality and returned to Government for engrossment.

Purchase by the Municipality of the Bombay Baroda and Central India Railway land at Mahalaxmi for providing a stair-case to Station overbridge.—The purchase price in respect of the Bombay Baroda and Central India Railway land taken possession of by the Municipality has been paid. The draft conveyance prepared by the Railway Solicitors has also been approved and returned to the Railway Authorities by the Municipality for engrossment.

Exchange of Government land at Mahim Causeway with Municipal land at Love Grove Road, Worli.—The conveyance of Government land admeasuring 6,945 square yards bearing C.S. No. 1505 part of Mahim Division in exchange of the municipal land at Love Grove Road admeasuring 966 square yards taken by Government on lease is completed simultaneously with the lease. The legal costs in respect of the lease payable to the Municipality are yet to be settled.

Acquisition of land for the construction of a Town Duty Office at Duncan Causeway, Sion.—The claimants with whom negotiations for the purchase of the land required for a Town Duty Office were carried on are not prepared to part with the land, and it will therefore be necessary to acquire it under the Land Acquisition Act. The unexpired period of the lease vesting in the claimants is only about 18 years and as Government interest in the land cannot be acquired, a reference has been made to Government inquiring whether they can give the Municipality the land on a long lease after the expiry of the existing lease.

Housing Accommodation Scheme for Fishermen at Mahim Causeway.—The Corporation have sanctioned a portion of the land admeasuring about 8,000 square yards required for the Scheme being taken from Government on 999 years' lease. Government are being requested to arrange for the preparation of the draft lease in respect of this land, so that the Municipality may formulate an Improvement Scheme under Chapter XII-A of the Municipal Act.

Acquisition of land for Improvement Scheme for the area around Lohar Gully, Wanzawady, Mahim.—Estimates for the acquisition of the properties included in the scheme have been prepared. The Corporation have, under their Resolution No. 1032, dated the 11th February 1943 approved of a notification being issued under Section 354-C(1) B(*i*) of the Municipal Act with a view to formulating an Improvement Scheme for the area around Lohar Gully. The required notification is being drafted.

Proposed Improvement Scheme and acquisition of land for laying out a 72' road connecting Girgaum Road with Queens Road and 40' Road joining this Road with Mangalwadi Street.—The scheme has been deferred by the Corporation under their Resolution No. 1205, dated the 13th March 1944.

Acquisition of land out of properties in C.S. Nos. 521, 335 and 1208, Mahim Division, under the Land Acquisition Act, Mahim Development Scheme.—Negotiations for acquisition of the land by amicable settlement are in progress and the proposal will be submitted to the Improvements Committee for sanction to the settlement and acquisition of land under the Land Acquisition Act.

Revenue Suit No. 1 of 1940, Assessment of Crawford Market to Land Revenue.—The Revenue Suit filed by the Municipality in this case having been dismissed with costs by the Revenue Judge an appeal has been filed and is pending before the High Court.

Reservation of an area for a recreation ground in lieu of Parel Tank Site resumed by Government.—Negotiations have been opened with Government to hand over to the Municipality the possession of the triangular piece of land from the Haffkine Institute compound required for the purpose mentioned above.

Construction of 40' road in Case No. 2, Scheme 53 and grant of access to the owners of property bearing C.S. No. 253, Tardeo Division, on payment of betterment charges, etc.—The proposal has now been sanctioned by the Improvements Committee and the Corporation and arrangements are being made to remove the fencing, etc. The construction of the road will be taken in hand in due course.

Lease of Port Trust land at King Edward Road for the provision of a Public Urinal.—Negotiations have been opened with the Bombay Port Trust in connection with the land required for a public urinal. They are willing to lease the land to the Municilpality subject to certain conditions, which are under consideration.

Special Road Schemes.

Hornby Road to Ballard Pier Scheme.—The total rent recoverable from the Scheme during the year amounted to Rs. 1,922-5-0. The previous year's recovery was Rs. 11,250-5-0. The drop in the revenue is due to the demolition of properties in Ghoga Street which were fetching a rent of Rs. 9,328 per annum.

Paltan Road Estate.—The semi-permanent sheds in this Estate are let to poor tenants. The total rent recoverable from the Estate during the year amounted to Rs. 11,892. The previous year's realization was Rs. 9,950.

No appreciable change could be effected in other Schemes.

Statement "A" attached indicates the progress in the disposal of municipal lands during the year under report and Statement "B" gives the details of the collection of revenue from the buildings and lands let for purposes other than cultivation. It will be seen that the value of municipal lands disposed of during the year came to Rs. 3,59,972 as against Rs.59,695 during the previous year. The total value of municipal land available for disposal as on 1st April 1944 is about Rs. 7,64,000 out of which land valued at Rs. 5,55,000 is likely to be disposed of in the near future. The amount of fees collected from rights of cultivation, tapping etc. came to Rs. 2,032.

H. B. SHIVDASANI.

Deputy Municipal Commissioner

(Improvements)

STATEMENT "A".

The figures indicate progress in the disposal of old Municipal Land in the year as follows :—

No.	Particulars.	Number of Plots.	Area in square yards.	Capital Value. Rs. a. p.
I.	Plots leased on rental basis	3	6,334	1,86,020 0 0
II.	Plots leased on Premium basis	...	...	...
III.	Land sold	1	576	1,73,952 0 0
	Total ...	4	6,910	3,59,972 0 0
	Corresponding Figures:—			
	1940-41	36	27,926.32	5,15,527 4 0
	1941-42	25	18,848.84	3,80,724 8 0
	1942-43	3	1,098.00	6,055 0 0

STATEMENT "B".

Collection of Revenue in respect of old Municipal Properties.

Details of the collection of revenue during the year 1943-44 can be seen from the following table :—

Particulars.	Revenue.		
	Permanent.	Temporary.	Total.
	Rs.	Rs.	Rs.
Amount of collection (Demand for the year)	1,51,476	2,25,935	3,77,411
Amount of arrears for the year	17,483	43,708	61,191
Total ...	1,68,959	2,69,643	4,38,602
Amount collected	1,56,609	2,21,802	3,78,411
Amount written off	...	...	...
Arrears as on 1st April 1944	12,350	47,841	60,191
Arrears as on 1st April 1943	17,483	43,708	61,191
Arrears as on 1st April 1942	20,592	54,585	75,177

APPENDIX "A" *Capital Account.* (Figures in Lakhs)

Particulars.	1940-41		1941-42		1942-43		1943-44	
	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.	In the year.	To end of the year.
RECEIPT.								
Loan ...	...	1,736.9	...	1,736.9	...	1,736.9	...	1,736.9
Discount or Premium ...	...	—14.2	...	—14.2	...	—14.2	...	—14.2
Sale Proceeds ...	22.3	383.4	15.8	399.2	28.0	427.2	42.0	469.2
Appropriation from General Account ...	—3.9	—182.8	5.8	—177.0	—16.2	—193.2	—2.5	—195.7
Special contribution from Government...	...	54.0	...	54.0	...	54.0	...	54.0
Release of Debentures lodged with Govt.	...	42.6	...	42.6	...	42.6	...	42.6
Extraordinary receipts ...	...	25.1	...	25.1	...	25.1	...	25.1
Miscellaneous ...	...	0.1	...	0.1	...	0.1	...	0.1
Total ...	18.4	2,045.1	21.6	2,066.7	11.8	2,078.5	39.5	2,118.0
EXPENDITURE								
I.—On Govt. and Municipal Property—								
Schedule 'W' ...	...	13.1	...	13.1	...	13.1	...	13.1
Do. 'X' ...	...	16.2	...	16.2	...	16.2	...	16.2
Do. 'Y' ...	...	4.7	...	4.7	...	4.7	...	4.7
Police Accommodation Schemes	...	91.6	...	91.6	...	91.6	...	91.6
Total ...	...	125.6	...	125.6	...	125.6	...	125.6
II.—On the Trust own acquired lands—								
Cost of Management and Estab.	1.2	181.9	1.0	182.9	1.2	184.1	1.4	185.5
Acquisition of land ...	...	976.3	0.7	977.0	2.4	979.4	...	979.4
Chawls ...	2.4	130.3	0.7	131.0	...	131.0	0.1	131.1
Roads ...	3.9	401.2	3.6	404.8	3.0	407.8	2.8	410.6
Other works ...	0.1	23.5	0.8	24.3	0.3	24.6	0.6	25.2
Mills companies chawls ...	...	7.7	...	7.7	...	7.7	...	7.7
Total ...	7.6	1,720.9	6.8	1,727.7	6.9	1,734.6	4.9	1,739.5
III.—Miscellaneous—								
Office Buildings ...	...	4.5	...	4.5	...	4.5	...	4.5
Other items ...	...	12.3	...	12.3	...	12.3	...	12.3
Total ...	...	16.8	...	16.8	...	16.8	...	16.8
IV.—Disposal of Profits ...	...	42.6	...	42.6	...	42.6	...	42.6
V.—Debentures lodged with Govt. ...	...	67.8	...	67.8	7.7	75.5	...	75.5
VI.—Repayment of Loan ...	...	...	...	...	...	...	...	...
Total ...	7.6	1,973.7	6.8	1,980.5	14.6	1,995.1	4.9	2,000.0
Balance ...	10.8	71.4	14.8	86.2	—2.8	83.4	34.6	118.0

APPENDIX "B"

Analysis of General Account

(Figures in columns 2 to 12 shown in lakhs)

Year.	RECEIPTS						EXPENDITURE					Balance appropriated to Capital account.	REMARKS.
	Rents.	Municipal contribution.	Share of tobacco duty.	Interest on investment.	Miscellaneous.	Total.	Maintenance.	Municipal rates and taxes.	Interest and sinking fund.	Miscellaneous.	Total.		
(1)	(2)	(3)	(3A)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
1898-1899 ...	1.9	...	...	...	...	1.9	0.1	...	...	...	0.1	1.8	Rent received in 1898-99 was mainly rent under Schedule 'Z'
1899-1900 ...	0.7	...	...	0.8	...	1.5	0.2	0.2	...	...	0.4	1.1	
1900-1901 ...	0.9	4.8	...	1.6	...	7.3	0.3	0.2	2.2	...	2.7	4.6	
1901-1902 ...	1.2	4.8	...	1.5	...	7.5	0.4	0.2	2.5	...	3.1	4.4	
1902-1903 ...	1.4	5.0	...	3.5	...	9.9	0.4	0.2	4.1	...	4.7	5.2	
1903-1904 ...	2.6	3.5	...	2.3	...	8.4	0.4	0.4	5.7	0.1	6.6	1.8	
1904-1905 ...	5.8	2.0	...	2.7	...	10.5	0.7	0.9	8.1	0.1	9.8	0.7	
1905-1906 ...	9.7	2.5	...	1.9	...	14.1	1.4	1.3	10.1	0.1	12.9	1.2	
1906-1907 ...	8.5	3.0	...	2.1	0.1	13.7	1.9	1.1	11.2	0.1	14.3	—0.6	
1907-1908 ...	8.1	3.6	...	2.4	0.1	14.2	2.2	11.0	12.1	0.1	15.4	—1.2	
1908-1909 ...	9.4	4.5	...	1.2	0.1	15.2	2.5	0.8	13.0	0.1	16.4	—1.2	
1909-1910 ...	11.4	7.8	...	1.5	0.2	20.9	*3.3	1.0	16.0	0.1	20.4	0.5	
1910-1911 ...	14.4	8.9	...	1.5	0.1	24.9	*3.1	1.0	19.1	0.1	23.3	1.6	
1911-1912 ...	16.6	8.6	...	2.2	0.1	27.5	*3.0	1.3	20.2	0.1	24.6	2.9	
1912-1913 ...	18.0	9.2	...	2.0	...	29.2	*2.7	1.0	20.5	0.1	24.3	4.9	
1913-1914 ...	20.9	9.3	...	2.5	...	32.7	*2.4	1.2	21.4	0.3	25.3	7.4	
1914-1915 ...	23.0	9.8	...	1.5	0.1	34.4	2.7	1.5	22.4	0.3	26.9	7.5	
1915-1916 ...	24.8	10.2	...	1.5	...	36.5	2.9	1.6	23.8	0.3	28.6	7.9	
1916-1917 ...	27.2	11.0	...	2.5	0.1	40.8	3.1	1.7	25.8	0.2	30.8	10.0	
1917-1918 ...	29.8	11.0	...	2.9	0.1	43.8	3.6	1.7	25.6	0.2	31.1	12.7	
1918-1919 ...	33.2	11.5	...	2.0	0.1	46.8	3.6	2.0	25.2	0.2	31.0	15.8	
1919-1920 ...	35.7	15.2	...	1.7	0.2	52.8	3.7	2.2	24.1	0.6	30.6	22.2	
1920-1921 ...	37.5	15.7	...	5.4	0.5	59.1	4.0	2.4	29.4	1.0	36.8	22.3	
1921-1922 ...	43.4	15.8	...	5.4	0.4	65.0	6.4	2.9	52.6	0.6	62.5	2.5	
1922-1923 ...	45.0	17.9	...	4.9	0.1	67.9	7.9	3.5	64.1	—0.5	75.0	—7.1	
1923-1924 ...	44.2	19.1	...	7.6	0.2	71.1	9.6	3.2	74.2	0.6	87.6	—16.5	
1924-1925 ...	50.5	20.2	...	6.4	0.4	77.5	9.0	4.4	80.6	0.6	94.6	—17.1	
1925-1926 ...	48.7	22.3	...	6.8	0.2	78.0	8.6	3.4	93.7	0.2	105.9	—27.9	
1926-1927 ...	49.5	22.4	...	7.2	3.2	82.3	9.6	3.6	90.5	—0.3	103.4	—21.1	
1927-1928 ...	48.5	23.1	...	6.3	2.3	80.2	11.3	3.8	90.2	...	105.3	—25.1	
1928-1929 ...	47.6	23.0	...	3.8	1.0	75.4	10.6	2.7	90.4	...	103.7	—28.3	
1929-1930 ...	51.0	22.9	...	2.7	0.1	76.7	10.2	2.9	89.3	...	102.4	—25.7	
1930-1931 ...	50.2	23.1	...	2.7	0.2	76.2	10.2	3.4	92.1	...	105.7	—29.5	
1931-1932 ...	49.3	23.5	...	1.4	0.1	74.3	10.5	3.3	94.3	...	108.1	—33.8	
1932-1933 ...	49.3	23.5	7.4	1.1	0.1	81.4	11.8	3.0	96.5	...	111.3	—29.9	
1933-1934 ...	49.2	32.9	11.4	3.9	...	97.4	7.5	4.4	98.2	...	110.1	—12.7	
1934-1935 ...	50.9	33.4	10.9	3.3	...	98.5	9.6	4.2	98.6	...	112.4	—13.9	
1935-1936 ...	50.3	33.4	9.8	2.8	0.1	96.4	9.5	3.8	102.3	20.8	136.4	—40.0	
1936-1937 ...	51.2	32.2	11.8	4.9	0.2	100.3	10.3	3.6	85.2	...	99.1	+1.2	
1937-1938 ...	50.6	34.4	12.4	4.6	0.6	102.6	10.5	3.3	83.1	...	96.9	+5.7	
1938-1939 ...	52.0	34.3	10.4	4.2	0.4	101.3	15.0	3.2	80.9	...	99.1	+2.2	
1939-1940 ...	53.5	37.1	9.9	3.4	0.4	104.3	16.1	3.4	80.2	...	99.7	+4.6	
1940-1941 ...	52.5	35.7	5.4	3.9	0.6	98.1	18.1	3.6	80.3	...	102.0	—3.9	
1941-1942 ...	52.3	36.9	10.0	4.0	0.3	103.5	14.3	3.4	80.0	...	97.7	+5.8	
1942-1943 ...	54.2	24.7	4.1	4.0	0.3	87.3	14.4	3.2	79.6	6.3	103.5	—16.2	
1943-1944 ...	54.7	26.3	10.0	4.0	0.4	59.4	15.2	3.2	79.5	...	97.9	—2.5	
Total to end of 1943-1944.	1,491.3	780.0	113.5	146.5	13.4	2,544.7	304.8	104.3	2,298.9	32.4	2,740.4	—195.7	

*Includes interest paid to Government and the Municipality under Section 68 (1) of the old Act as shown below :—

Year.		Government.	Municipality.	Total.
		Rs.	Rs.	Rs.
1909-10	...	65,350	41,241	1,06,591
1910-11	...	46,440	37,841	84,281
1911-12	...	61,858	37,276	99,134
1912-13	...	68,194	37,431	1,05,625
1913-14	...	54,644	27,668	82,312
Total	...	2,96,486	1,81,457	4,77,943

APPENDIX

Particulars of Municipal (Improvements) Chawls, Capital Cost, Net Annual Returns

Serial No.	Name of the Chawl.	Year in which the site of chawls appropriated for construction of chawls.	Total area of the site of chawls Sq. Yds.	Rate per Sq.Yd. as in the year given in column 3.	Value of the site (cols. 4× 5)	Constructional cost of the chawls including 7½ per cent. for management and establishment.	Cost of work, value of land and management and establishment charges (columns 6 and 7).	Interest and Sinking fund charges on Capital outlay at 4.61 per cent. on column 8 up to 1919 and thereafter at 6.35 percent.	Full letting value per annum.	Annual profit + or loss – i.e., 47.91 per cent. of column 10–9.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
			sq. yds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	1–4 Agripada A Chawls ...	1900	7,285	7	50,995	1,85,505	2,36,500	10,903	22,642	–37
2	5–16 Do. B do. ...	1903	11,925	6	71,550	5,41,639	6,13,189	28,269	59,805	+432
3	31–32, 38–40, 45–46 Do. C do. ...	1903	6,251	6	37,506	2,79,182	3,16,688	14,599	31,545	+540
4	19–24 Chandanwadi Chawls ...	1904	9,664	15	1,44,960	3,76,915	5,21,875	24,059	61,452	+5,432
5	25–27, 29, 30 & 41 Imamwada A Chawls ...	1905	13,442	13.8	1,81,467	4,98,562	6,80,029	31,349	63,151	–1,043
6	50 Do. B do. ...	1905	949	13.8	12,811	19,368	32,179	1,483	2,324	–369
7	33–37 Mandvi-Koliwada Chawls ...	1908	4,169	75	3,12,675	2,76,040	5,88,715	27,140	53,159	–1,629
8	51 Workmen's Cottages, Matunga ...	1905	944	5	4,720	12,083	16,803	774	1,260	–169
9	17–18 Nagpada A Chawls ...	1903	2,569	7	17,983	82,358	1,00,341	4,626	11,124	+713
10	39 Do. B do. ...	1904	2,099	7	14,693	99,776	1,41,469	5,277	11,124	+62
11	28 Princess Street Chawls ...	1907	1,480	30	44,400	42,412	86,812	4,002	5,952	–1,146
12	42–44, 47–49 Suparibaug Chawls ...	1910	8,084	4.8	36,364	3,39,878	3,76,242	17,345	33,485	–1,276
13	52–57 Chinch Bnnder Chawls ...	1913	8,496	(d) 26.66	2,26,560 (c)	3,79,622	6,06,182	27,945	46,632	–5,566
14	... Cottage Blocks (old) ...	1920	2,780	10	27,800	36,069	63,869	4,056	3,024	–2,605
15	58–61 Mahar Chawls ...	1921	4,181	15	62,715	4,39,814	5,02,529	31,911	28,392	–18,286
16	62 Peons Chawls ...	1921	3,419	15	51,285	1,70,863	2,22,148	14,106	12,264	–8,221
17	63–66 Mominpura Chawls (Old) ...	1921	7,760	15	1,16,400	4,31,655	5,48,055	34,801	24,297	–23,141
18	67–72 Three-room tenements, Scheme 5	1922	5,609	4	33,654	2,64,717	2,98,371	18,946	14,112	–12,174
19	73–78 Two-room tenements, Scheme 6	1922	4,234	6	25,404	2,91,972	3,17,376	20,153	17,280	–11,660
20	79–85 Cottage Blocks (new) ...	1922	7,808	6	46,848	69,312	1,16,160	7,376	2,760	–6,052
21	Blocks. 1–19 Bellasis Road Chawls ...	1922	35,704	19	6,78,376	25,75,065	32,53,441	2,06,594	1,55,724	–1,31,862
22	1–16 Mazagaon Chawls ...	1922	29,081	10	2,90,810	21,77,079	24,67,889	1,56,711	1,10,772	–1,03,552
23	1 Mominpura Chawls (New) ...	1923	3,911	20	78,220	3,14,276	3,92,496	24,923	21,346	–14,679
24	1–23 Love Lane Chawls	1925	13,367	18.8	2,47,289	11,36,407	13,83,696	87,865	86,406	–46,399
25	1–10 Sydenham Road Chawls ...	1925	12,795	16	2,04,720	7,78,071	9,82,791	62,407	58,266	–34,445
26	1–2 Paltan Road Chawls ...	1940	3,255	25	81,375	2,32,503	3,13,878	19,931	23,913	–8,455
	Total	...	2,11,258	...	31,01,580	1,20,51,143	1,51,52,723	8,87,551	*9,62,211	–4,25,786

(a) Rs. 7–13–0 for 8 rooms being two-room tenments.
(b) Represents looms.

A=Rooms occupied by Mukadams.
B= do used for Office & Stores.
C= do temporarily occupied by Schools.
D= do occupied by Chawl Supdts. Qrts. including Office & Stores.
E= do do do Shops.
F= do do do Gymnasiums..
G= do do do Godowns.

* The full letting value stated in the last year's Administration Report was Rs. 9,59,305. The difference in figures is mainly due to the increase in rents of 15 Godowns + 18 shops situated at Mandvi-Koliwada Chawls, Agripada 6 and 12 blocks, and Paltan Road Chawls.

APPENDIX

Statement showing dishousing and rehousing operations on

YEAR.	NUMBER OF TENEMENTS DEMOLISHED UP TO THE END OF THE YEAR				NUMBER OF TENEMENTS PROVIDED UP TO								
					IN CHAWLS			IN POLICE ACCOMMODATION, POOR CLASSES ACCOMMODATION, COMPANIES AND B. D. CHAWLS					
	One room.	Two room.	Larger.	Total Col. (2) to (4).	Permanent.	S. P. Sheds.	Total Col. (6) and (7).	One room.	Two rooms.	Larger.	Servants quarters.	Total Col. (9) to (12).
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1898-99 to 1941-42. ...	28,980	5,436	3,642	38,058	10,010*	3,617	13,627	18,197	51	145	162	18,555
1942-43 ...	263	22	11	296	...	...	...	...	...	...	...	...
1943-44 ...	49	9	3*	61	...	...	...	...	...	...	...	...
Total ...	29,292	5,467	3,656	38,415	10,010	3,617†	13,627	18,197	51	145	162	18,555

* This figure is exclusive of Godowns and Gymnasiums.
† This figure is inclusive of the 775 Sheds demolished ...

C.

Number of tenements, full letting value and permissible actual population.

Percentage of net annual return (47.99 per cent. of col. 10) of capital cost (col. 8).	Total Number of rooms. Column 18+19.	Number of floors including ground floor.	Floor area of tenements including verandah.	Rent per room as on 31-3-1944.	Net profit + or loss — per room (column 11÷13).	Number of rooms let for living purposes.	Numbers of Rooms let for Shops, Godowns, or Municipal purposes.	Total population	Equivalent Adults.	Maximum permissible population in adults. Population per tenement.	Total population.	Population per acre in largest groups as per column No. 20.
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	22	23	(24)
			sq. ft.	Rs. as.		Rs.						
4.59	312 1 (Verandah)	3	175	5 10	—.12	275	7—D	2,307	1,180	5	1,375	
4.68	658 288	4	110 142	(a) 7 13 4 15 5 4	+.46	927	30—E 19—E	2,718	2,463	4	3,708	934
4.78	432	4	177	5 10	+1.25	413	19—E	1,336	1,192	5	2,065	
5.65	674	4	125	7 7	+8.06	664	2—D, 8—E	2,714	2,319	4	2,656	1,186
4.45	857	4	135	6 3	—1.22	845	1—B, 4—C & 7—D	3,069	2,922	4	3,380	994
3.46	30	2	160	6 7	—12.26	30	...	140	130	4½	135	
4.33	278	4	176	6 15 8 1	—5.86	222	26—G, 30—E	1,126	989	5	1,110	897
3.6	15	1	120	7 1	—11.27	15	...	...	...	4½	67½	...
5.32	144	4	148	6 7	+4.95	144	...	727	673	5	720	1,077
3.77	144	4	160	6 7	+.43	144	...	482	441	3½	504	
3.29	64		131	7 12	—17.91	64	...	310	285	4	256	...
4.27	481	4	176	5 13	—2.65	479	1—B 1—F	2,124	1,977	4½	2,155½	...
3.69	405	2	176	6 4	—13.75	372	33—G	1,888	1,737	3½	1,302	951
2.27	14	1	175	18 0	—186.06	14	...	...	...	5	70	...
2.71	325	4	176	7 3	—56.26	320	4—E 1—F	3,385	1,920	5	1,600	933
2.65	134	4	176	8 0	—61.35	131	3—E	693	448	5	655	...
2.13	246	4	76	7 0	—56.99	240	6—D	1,606	960	5	1,200	...
2.27	(b) 160 36	3	62	Rs. 30, 33 & 35	—338.16	36	...	...	...	...	...	...
2.61	72	1	338	Rs. 17, 19, 20 & 22.	—164.72	72	...	...	...	...	...	...
1.14	10	4	325	Rs. 23-0-0	—605.2	10	...	...	...	...	...	...
2.3	1,549	4	176	Rs 5,8,9-8 & 10	—85.12	1,513	9—E, 20—C & 7—D	6,076	5,450	5	7,565	...
2.15	1,305	4	176	Rs. 7 & 7-8	—79.35	1,270	27—C, 6—D & 2—E	6,991	6,161	5	6,350	...
2.61	234	4	176	Rs. 7-0	—50.97	228	6—E	1,492	912	5	1,140	1,527
2.99	(b) 54 821	4	176	Rs. 8, 8-8, 9, 9-8, 10, 10-8 & 12	—56.51	792	1—B, 21—E, 6—D & 1—F	3,707	3,418	5	3,960	...
2.84	391	4	176	Rs. 8-8, 9, 9-8, 10, 18, 19 & 20	—88.09	385	2—A, 1—B, 1—C, 1—D & 1—E	1,659	1,492	5	1,925	...
3.65	156	4	180	Rs. 8, 8-8, 9 & 10	—54.2	139	4—G 13—E	618	534	5	695	...
3.05	10,075 (b) 214 1 (Verandah) 10,290	...	...	...	—41.37	9,744	@331	45,168	37,603	...	44,594	...

@ 2—A, 4—B, 52—C, 42—D, 165—E, 3—F, 63—G, = 331.

(c) This figure represents the value at Rs. 40/- per sq. yard of the site situate between the 25′ road and the Railway and measuring 5,664 sq. yards.

(d) This figure is arrived at by dividing (c) by 8,496 sq. yards.

D.

Estates since the commencement of the late Trust.

The end of the year — In lesseess' buildings: One room.	Two rooms.	Larger.	Servants' quarters.	Total cols. 14 to 17	Total: One room cols. 8+9+14.	Two rooms cols. 10+15.	Larger cols. 11+16.	Servants' quarters cols. 12+17.	Grand Total cols. 19 to 22.	Net Addition (+) or Reduction (—): In year cols. 23—5.	To end of year.
(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)
17,613	7,431	9,609	2,213	36,866	49,437	7,482	9,754	2,375	69,048	30,990	30,990
22	126	192	1	341	22	126	192	1	341	45	45
...	31	28	4	63	...	31	28	4	63	2	2
17,635	7,588	9,829	2,218	37,270	49,459	7,639	9,974	2,380	69,452	31,037	31,037

WATER WORKS.

Bombay, 3rd June 1944.

Subject: *Administration Report for the year 1943-44.*

During the year under review I held the charge of this Department.

2. The report is arranged under the following heads :—

(1) City Water Supply System.
(2) Supply Statistics.
(3) Lakes and their statistics.
(4) Outside City Branch.
(5) Distribution Branch.
(6) Waste Prevention Branch.
(7) Meter Branch.
(8) Maintenance Branch.
(9) Construction Branch.
(10) Survey and Design Branch.
(11) Works of Interest.
(12) Measures for Civil Defence—
(13) General.

I.—CITY WATER SUPPLY SYSTEM.

Sources of Supply.

3. All the areas in the City, except the elevated portions at Malabar Hill, Altamont Road, Carmichael Road and Dongri, were supplied water by gravity from Tansa, Vehar and Tulsi lakes

Tansa Lake.

4. The Tansa Lake which forms the main source of the City's Water Supply is situated 66 miles by road from Bombay towards north east. The supply brought from Tansa through the two 72" steel mains and the Duct line conisting of syphons, masonry duct and tunnels amounted to 93.85 million gallon s per day out of the total supply of 114.26 million gallons per day.

Alignment of the 72" and 57" mains.

5. The two 72" steel mains, each 40½ miles long, take off from the outlet well and follow the low lying country to the west of the old masonry aqueduct and meet the Kasheli Syphon at Pogaon about 9 miles to the north of Thana whence they run parallel with the Kaesheli Syphon, crossing the Bassein Creek on the new bridges over which runs the Bombay Agra Road; South of Thana they run parallel with the old duct line; at Bhandup they tun southward and pass under the old masonry aqueduct into the country between the Vehar and Powai Lakes. The two 72" steel mains are reduced to 57" at Powai and a 60" steel main 3¼ miles long, forms a connecting link between the two 72" and the old duct line at the Ghatkopar Syphon. The two 57" steel mains cross the Bandra Creek on an independent bridge situated between Ghodbunder Road and the Railway Bridge whence they enter the City limits and run under ground. The total length of the 57" East and West mains is 25.75 miles each. The 57" East main carries all its supply to the Malabar Hill Reservoir whereas the bulk of the supply from 57" West main is distributed directly to G Ward and other areas, *viz.*, Tardeo, Sleater Road, Gowalia Tank Road, Forjett Street, Gamdevi and a portion of Grant Road.

Alignment of the Masonry Duct.

6. The old duct line follows as far as practical the contour of the country along the ranges of hills between Tansa and Ghatkopar and is tunnelled through the hills at 13 places. The total length of masonry duct is about 23.25 miles and that of the tunnels is 4.25 miles. The intervening valleys have been crossed by 48" cast iron and 50" steel pressure pipes in the form of inverted syphons. There are 9 such syphons of a total t length of 23.75 miles. The duct line enters the City, as two 48" cast iron mains known as the Old and New Tansa mains (23. 87 and 22.37 miles, respectively). The Old 48" main distributes its supply to the lower parts of the City, *viz.*, Parel, Kalachowki, Sewri, Lamington Road (North), Arthur Road, and a portion of E Ward comprising Souter Street, Clare Road and Byculla while the bulk of the water from the New Tansa main goes to the Bhandarwada Hill Reservoir.

Vehar Lake and alignment of 48" C.I. main.

7. The next in importance is the Vehar Lake from which about 16.92 million gallons per day were supplied to the whole of the F Ward.

The 48" Vehar main passes through Kurla and crosses the railway line to Chembur Sluice House where it reduces to 32" diameter and skirts the country from the east of the G. I. P. Railway, entering the City, at Vincent Road. A 24" main bifurcates at Kurla which along with the 32" main supplies this part of the Suburb and north of the City, *viz.*, Sion, Dadar-Matunga Estate, Naigaum Estate, Jerbai Wadia Road, King Edward Road, etc.

Tulsi Lake and alignment of 24" Tulsi main.

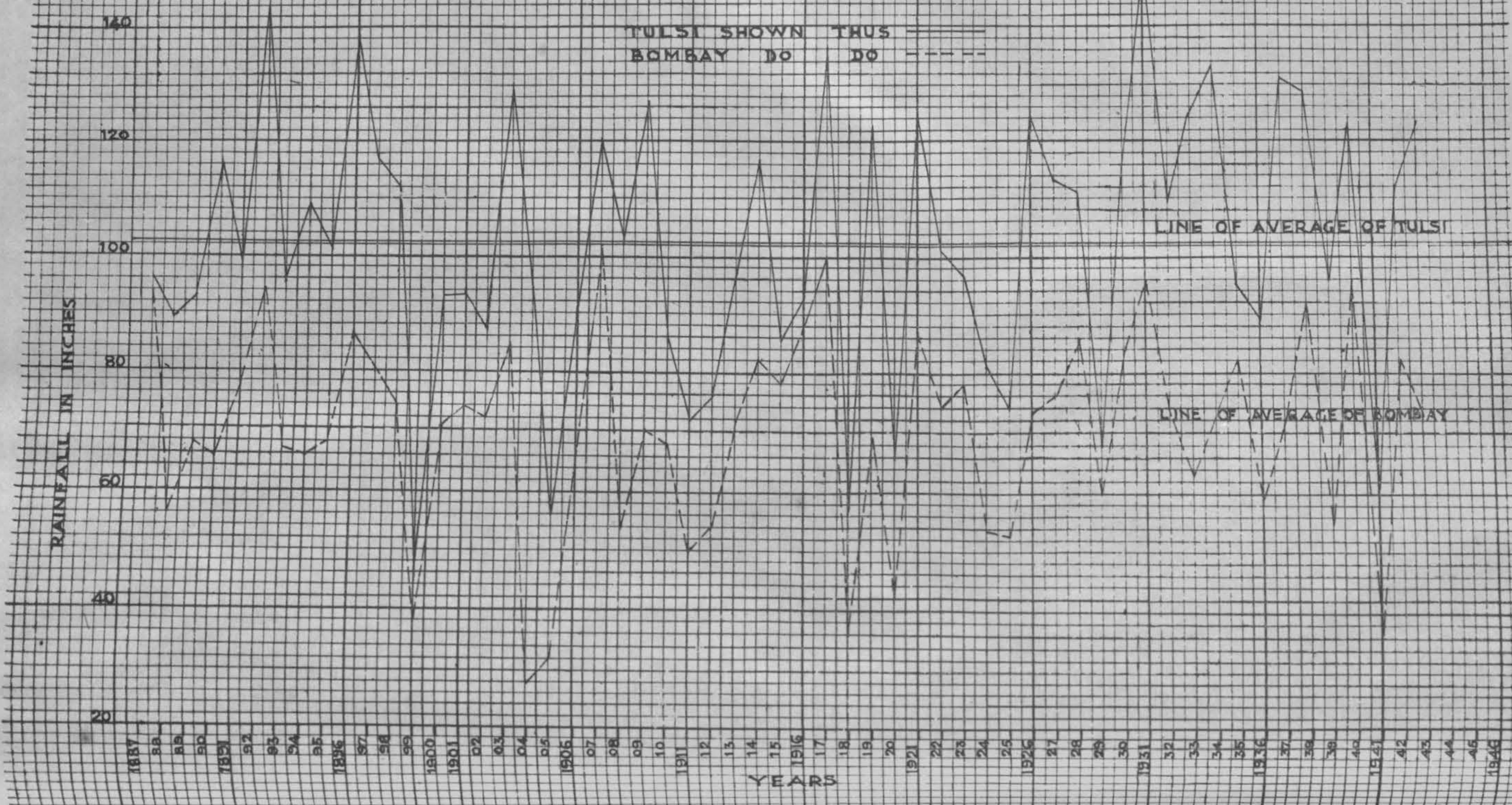
8. The Tulsi lake is situated north of the Vehar Lake and supplied 3.49 million gallons per day. A 24" cast iron main which runs mostly along the two 57" steel Tansa mains is connected to the Malabar Hill Reservoir, but the supply from this lake is given to the Western Suburbs, *viz.*, Bandara, Khar, Santa-Cruz, Ville-parle, Andheri and Marol, which require water at high pressure. The 24" slucie valve at Bandra Sluice House on the 24" Tulsi main is so regulated during the night time when the pressures are very high in the main as to allow a small quantity of water to pass to the City to avoid dead end and consequent stagnation and to prevent pressures in 24" main rising too high on account of less draw off by the Suburbs during the night. The stretch of 24" Tulsi main from Bandra Sluice House upto Haines Road is supplied water from the 57" West main through 12" cross connections at Lady Hardinge Road, Portuguese Church Street and Fergusson Road, and serves the entire G Ward.

II.—SUPPLY STATISTICS.

9. The total quantity of water supplied to the City and the Suburbs during the year from various sources amounted to 41,820 million gallons or an average of 114.26million gallons per day the correspodning figures for the preceding year being 36,055 million gallons or an average of 98.78 million gallons per day, *i.e.*, an increase of 15.48 million gallons per day. The average daily supply to the Suburbs was 4.47 million gallons per day drawn mainly through 24" Tulsi and 57" Tansa and 24" Vehar mains. The balance of 109.79 million gallons per day was supplied to the City which, distributed amongst 14,89,883 souls (as per the Census Report of 1941), amounted to 73.69 gallons per head per day for all purposes. The minimum and maximum supply

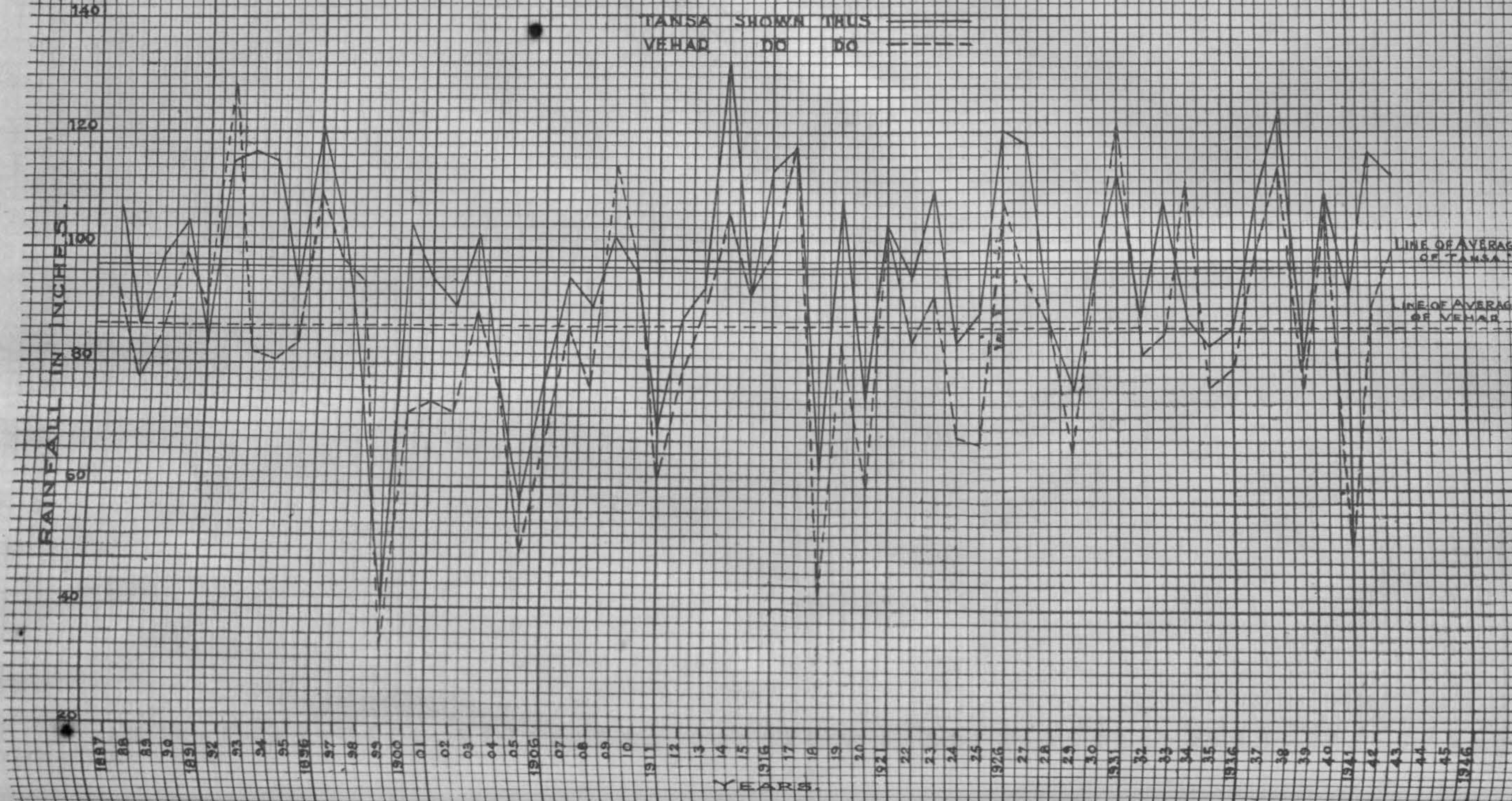
APPENDIX 'C'
(PARAGRAPH 11)

GRAPH SHOWING ANNUAL RAINFALL IN INCHES FROM 1887 AND EXCESS ABOVE AND DEFICIENCY BELOW AVERAGE RAINFALL OF 56 YEARS



APPENDIX 'C'
(PARAGRAPH 11)

GRAPH SHOWING ANNUAL RAINFALL IN INCHES FROM 1887 AND EXCESS ABOVE AND DEFICIENCY BELOW AVERAGE RAINFALL OF 56 YEARS



per day amounted to 98.90 and 124.10 million gallons, respectively. The two 72" steel mains conveyed an average of 79.25 million gallons per day (29.005 million gallons per year), the duct 14.60 million gallons per day (5,345 million gallons per year) the 48" Vehar 16.92 million gallons per day (6,193 million gallons per year), and the 24" Tulsi 3.49 million gallons per day (1,277 million gallons per year). The statement marked Appendix "A" shows the supply utilised for various purposes, from which it will be seen that the quantity of water used purely for domestic purposes after deducting for Industries, Street Cleansing Construction and other purposes was 27574.41 million gallons, *i.e.*, 50.56 gallons per head as per Census figure of 1941.

III.—LAKES AND THEIR STATISTICS.

10. The Appendix marked "B" gives information regarding ctatchment areas, lake areas, full supply levels, rainfall, overflow contents of the lakes, evaporation absorption losses, etc.

11. The maximum rainfall during the year at Tansa, Tulsi and Vehar was 7.01" on 11th July, 5.93" on 8th July and 5.04" on 5th July 1943, respectively. The yearly rainfall at Tansa, Vehar, Tulsi and Bombay with the excess above and deficiency below average rainfall is shown in Appendix "C".

12. The figures of evaporation losses at the lakes for the various months during the year under review are tabulated in Appendix "D". The total loss due to evaporation during the months of April, May, November, December 1943 and January to March 1944, was 3342.8 million gallons from Tansa, 1019.99 million gallons from Vehar and 264.35 million gallons from Tulsi, *i.e.*, a total of 4,627.14 million gallons per year. It is probably not realised what a large quantity of water is thus lost from the lakes. From Tansa alone a quantity equivalent to about 29 days' supply to the City was lost due to evaporation and the total evaporation losses per day from all the lakes worked out to 21.72 million gallons, whereas the total loss due to evaporation, absorption, leakages at Lakes, etc., from all the lakes was 5615 million gallons and equiavalent of 26.36 million gallons per day.

13. The Tansa and Tulsi lakes overflowed for 78 and 70 days respectively. The total quantity of water lost was 28,438 million gallons quivalent to 249 days supply at 114.26 million gallons per day.

14. During the period, the Tansa lake was overflowing, 489.48 million gallons of water were transferred from it, into the Vehar lake through the duct line. If more quantity were transferred, the City's water supply would have been affected.

IV.—OUTSIDE CITY BRANCH.

Trunk mains.

15. 197 miles of Trunk Mains of various sizes (Steel Mains 72"—81 miles; 60"—3¼ miles; 57"—14¼ miles; 48"—1¾ miles; 50"—18 miles; 48"—Lock bar—1 mile; Cast Iron mains 48"—31½ miles; 42"—¼ mile; 32"—3 miles; 24"—15¾ miles and masonry duct, including tunnels 27½ miles) were maintained during the year from the grant under Materials for General Works and Repairs, Outside Bombay, to theextent to which funds were available. (Cost under paragraph 38).

Bursts and leaks on Trunk mains.

16. There were no bursts on the trunk mains during the year but heavy leaks had occurred on the 57" East Tansa main near Sahar Anchor Block, on the 24" Tulsi main near Vakola Creek and Marol Venturi House and on the 32" Vehar main near Swing Bridge, which were immediately attended to, meeting the cost of labour from the permanent Establishment Grant and for materials from Materials for General Works and Repairs Outside Bombay. (Paragraph 38).

Leaks on the Duct Line.

17. The work of stoppage of some big leaks and general repirs including repairs to arching and removal of stones, etc., was carried out departmentally at a cost of Rs. 2947. As the condition of the duct line has deteriorated resulting in loss of a large quantity of water at various places, the Corporation have approved of the scheme of reconditioning it at an estimated cost of about Rs. 27 lakhs. but the work has been deferred pending decision of the Corporation with regard to the Schemes of augmentation of water supply to the City.

Shrubs and Jungle.

18. The works of removing shrubs and jungle around the lakes and along the old Tansa duct line were carried out at a cost of Rs. 2,000. Besides, small shrubs and grass growing on the downstream face of the mas onry of the Tansa Dam were partly removed at a cost of Rs. 500.

Painting of Steel Mains.

19. 22,250 r.ft. of steel mains varying in sizes from 72" to 50" were painted at a cost of Rs. 21,791 in different divisions during the year as per details given below:—

11,200 r.ft. of 72" mains in Jamboli Division.
2,940 r.ft. of 72" mains in Kasheli Division.
4,670 r.ft. of 50" mains in Kasheli Division.
3,440 r.ft. of 57" mains in Salsette Division.

For covering coat Graphite and Black MataNac Paints manufactured and supplied by Messrs. Flintrock Products and Messrs. V. H. Deeth and Co., respectively, were used. For base coat Red Lead and Black Metallac Paints manufactured and supplied by the same firms were used. Also the bottom 7' strip of 57" steel mains in the Bandra Creek for a total length of 2,500 r.ft. wa s painted with Tarstil at an interval of two months each, *i.e.*, a total length of 15,000 r.ft. (7' strip).

Regrading of mains.

20. 4 furlongs of 48" old and 3 furllngs of 50" New Tansa mains, were regraded at a cost of Rs. 1,838 and 1 furlong of 24" Tulsi main was regraded at a cost of Rs. 300.

Embankment and Culverts.

21. 118 miles of embankment and cuttings, carrying the pipe lines and trolley tracks were maintained during the year. 6 over-bridges and 30 culverts were repaired. 15,000 sq. ft. stone pitching was done and earth filling was carried out to the extent of 50,000, 41,000, 80,000, and 15,000 c.ft. in the Salsette, Kasheli, Jamboli and Mandola Divisions, respectively. Besides the works of making up the embankment and trimming and regrading the side slopes were carried out to the extent of 3.3 miles, 1.4 miles and 4.55 miles in the Salsette, Kasheli and Jamboli Divisions, respectively. Cost included in paragraph 25).

Trolley Track.

22. Out of a total length of 81.5 miles of trolley tracks. Only 65 miles were maintained to the extent of funds available. (Cost included in paragraph 25).

Diesel Loco 'IVON'

23. The Loco covered 7,000 miles (a total of 39,836 miles since its purchase). The average cost of haulage including labour and material was annas 8 per mile. The reasons for the higher rate were higher cost of materials, repairs, etc. The loco was idle for 36 days during the year on account of repairs. (Cost included in paragraph 25.)

Push Wagons.

24. Light transport was carried out by push wagons and push trolleys, which were maintained from the grant under " Maintenance of Trolley Track, Embankment, etc. ". The number of push wagons and trolleys maintained during the year was 69 and 22, respectively In addition to this, 6 tip wagons were used for embankment work. The total mileage for these vehicles came to about 2,83,500. (Cost included in paragraph 25.)

Cost.

25. The cost of the works mentioned under paragraphs 21, 22, 23, 24 and 34 was about Rs. 71,019, and was met from the grant under " Maintenance of Trolley Track, Embankments Culverts, Bridges, Cuttings, Accommodation Roads and other incidental works," which was supplemented by Rs. 15,000.

Motor Trolleys.

26. 4 Heavy type and 3 light type motor trolleys were maintained during the year. The total mileage covered was 47,192 at a cost of Rs. 8,789 (*i.e.*, annse 2, pies 11 per mile), which was met from the grant under Maintenance of Motor Trolleys.

Tansa-Atgaon Road.

27. The Tansa Atgaon Road which links the Bombay-Agra Rosad with Tansa, was maintained as usual jointly by the Municipality and the Forest Department. As the Forest Department had not maintained the road in a satisfactory manner, probably for want of sufficient funds, it was suggsted to the Chief Conservator of Forests to revise the amount for the cost of maintenance and to hand over the maintenance work to the Bombay Municipality, but no definite decision was arrived at during the year.

STERILIZATION OF WATER SUPPLY

28. (*a*) *General.*—Water was sterilized by Chloramine treatment consisting of Ammonium Sulphate solution and Liquid Chlorine in case of Tansa and Vehar supplies. For Tulsi supply, Liquid Chlorine was used throughout the year but on account of non-availability of Amomonia Gas, Ammonium Sulphate was used from June onwards. The existing masonry storage tanks for Ammonium Sulphate solution at Powai being found unsuitable to resist the corrosive action of the solution, a cast iron overhead tank was erected from old plates and put into commission. So far this tank has stood satisfactorily against the corrosive action of Ammonium Sulphate solution and therefore the work of erecting a duplicate tank is under consideratin. The cast iron tank was painted from time to time with Bituminous paint.

(*b*) *Tansa Supply.*—The Tansa supply was sterilized at the Chlorination Plants at Powai and Ghatkoper The minimum and maximum doses of Chlorine were .52 and .87 parts per million parts, respectively, and those for ammonia were 0.05 and 0.18 parts per million.

(*c*) *Vehar Supply.*—The Vehar supply was sterilized at the Chlorination Plant at Powai. The minimum and maximum doses of chlarine were 0.50 and 0.97 parts per million and those for ammonia were 0.07 to 0.18 parts per million, respectively.

Due to difficulty in obtaining Liquid Chlorine for a period of about 30 days in the months of August and September Bleaching Powder was used for chlorinating Tansa and Vehar waters. Tansa water was chlorinated at Bhandup and Vehar water at the source. A special staff was engaged for this period.

(*d*) *Cost.*—The total expenditure on purification of Tansa, Vehar and part of Tulsi supply was Rs. 1,72,367 which includes the cost of 2,81,338 lbs. of Chlorine, 51,391 lbs. of Bleaching Powder, 1,28,315 lbs. of Ammonium Sulphate, analysis charges, and repairs, maintenance and establishment. The cost for 1,000 gallons and 1 million gallons works out to .82 pies and Rs. 4-4-7, respectively.

(*e*) *Tulsi Supply.*—Tulsi water was purified at a cost of Rs. 34,698 by Liquid Chlorine, Ammonia Gas Ammonium Sulphate and Alum out of which a sum of Rs. 23,132 was borne by Government and the balance is included in (*d*) above. Chlorine dose varied from .69 to 2.06 parts per million while the ammonia dose varied from 0.17 to 0.64 parts per million and alum from 0.40 to 0.59 grains per gallon. The cost is shared between Government and the Municipality in proportion to the quantity of water consumed by each of these bodies.

(*f*) *Filtration.*—No part of the supply was filtered, during the year. The question of working mechanical filters at Tulsi was taken up with Government. After some correspondence, it was decided to put the Tulsi filters into commission by reconditioning and overhauling the filters and other machinery at an estimated cost of Rs. 34,570. Three-fourths of the cost will be borne by Government and one-fourth by the Bombay Municipality. Government also agreed to bear the recurring cost estimated at Rs. 19,080 in the same proportion. A major portion of the work of reconditioning and overhauling the filters and other machinery was completed during the year, but for want of quartz sand the filters could not be put into operation. The expenditure booked during this year was Rs. 5,061.

(*g*) *Field Laboratory.*—A small field laboratory has been set up at Powai and samples of water from lakes and mains were tested for ascertaining their various properties, *viz.*, mud contents, alkalinity, pH value etc., thus providing valuable information about the quality of water supplied to the City. Residual chlorine tests were also taken daily at Sion, Thana Road, Powai, Ghatkopar and Bandra and the dose of chlorine adjusted accordingly.

(*h*) *Re-Chlorination.*—With a view to sterilize the water in the reservoirs at the Malbar and Bhandarwada Hills and to keep up the standard of Residual Chlorine in the water mains inside the City, an extra dose of Chlorine was injected into the reservoirs. A chlorinating plant of the Pressure Injector type was installed by Messrs. Candy Filters (India), Ltd., during the year at the Malabar Hill Reservoir at a cost of Rs. 6,500. At Bhandarwada Hill Reservoir a portable chlorinating plant was used. About 7,500 lbs. of chlorine were consumed for re-chlorination inside the City. This quantity has been included in the total amount of chlorine referred to in paragraph (*d*) above. Besides, certain mains, water from which did not show good results on analysis, were re-chlorinated by means of portable chlorinating sets. About 375 Nos. of re-chlorinating jobs were carried out in different mains during the year.

Bacteriological and Analytical Water Test.

29. Fortnightly bacteriological and analytical tests of water after chlorination from trunk mains outside the City and occasional tests from trunk mains in the City were carried out throughout the year by the Municipal Analyst. In all, 436 samples were taken from various points on the trunk mains within and outside the City. The results show that out of 436 samples, 422 samples gave negative reaction of 'B-Coli' in 100, 2 samples positive reaction of 'B-Coli' in 1, 7 samples in 5, 1 sample in 10 and 4 samples in 20. It was noticed that the majority of the samples which showed

bad results were from the 'dead ends' of the mains. After these mains were flushed, the water was found on re-analysis to be of the usual standard of purity. The expenditure under this item was met from the grant under Chlorination. It will be seen that the high standard of purity as laid down by the Ministry of Health in England continued to be maintained during the year.

Telephone System.

30. A private telephone system, 61 miles long with 22 stations outside the City was maintained through the Indian Posts and Telegraphs Department, at a cost of Rs, 8,477. The system was not working efficiently and the Indian Posts and Telegraphs Department was requested from time to time to rectify the defects, but the whole system continued to work very inefficiently. The question of maintaining a private telephone line departmentally is the only soultion, but it has to be deferred for obvious reasons till after the war. 7 Telephone exchanges were maintained by the Indian Posts and Telegraphs Department at Ghatkopar, Powai, Bandra, Santa-Cruz, Thana Road, Sion and Marol. The last exchange was maintained at the cost of the Commander, Roysl Engineers, Bombay, as this telephone was used in connection with the maintenance of the 8" Marol-Andheri -Madh-Marve Line laid for military purposes.

Building Repairs.

31. The repairs and painting of Water Works Buildings as per list in Appendix 'E' to the extent of funds available were carried out departmentally. The Stores and garage at Agra Road were completely repainted and the two water closets at Agra Road were totally re-modelled and a septic tank was provided for the same. The cost was met from the grant of Rs. 8,000 under "Repairs and Painting to Water Works Buildings and Bridges Outside Bombay" which was subsequently supplemented by Rs. 4,600. The total expenditure incurred was Rs. 10,592.

Venturi meters.

32. 9 Venturi meters for recording discharge of water through various Trunk mains in the Outside City Division were maintained in working condition, except the Venturi meter on the 32" Vehar main which was under repairs. Due to difficulty in obtaining mercury and spare parts for clock mechanism, the meter could not be put into working order. The cost of maintenance and repairs of these meters was met from 'Meters' grant mentioned in paragraph 55.

Hydraulic Fittings Appurtenances, etc.

33. 153 Hand-operated penstock gates and sluice valves varying in sizes from 12" to 48", 7 hydraulically operated 36" and 48" sluice valves, 52 pressure gauges and recorders, 35 burst alarms and 121 air valves were oiled, greased, and maintained from the grants under Materials for General Works and Repairs. Cost included in paragraph 38. During the year two more 36" hydraulically operated sluice valves at Pogaon were converted into hand operated ones. The cost Rs. 4,994.) was met from the special grant under Plant and Machinery, (*vide* paragraph 103).

Garden.

34. The 6 gardens Outside the City, *viz.*, at Tansa, Vehar, Tulsi, Powai, Vehar Bungalow, and Ghatkopar cross-connection were maintained during the year, from the 'Repairs to Embankments, etc., grant OutsideCity'. (Cost included in paragraph 25). A new garden is being laid out at Ghatkopar Yard.

Visitors at the Lakes.

35. The number of visitors to the two lakes, *viz.*, Tansa and Vehar was about 315 and 10,824 respectively The number of visitors has fallen considerably due to the rationing of petrol, and transport difficulties.

Campaign against Trespass.

36. The campaign to prevent trespass in the catchment and the lake areas was continued during the year and 180 and 205 heads of cattle were impounded at Tansa and Vehar, respectively As there is no suitable cattle pound near theTansa Lake, the proposal of provding one at a cost of Rs. 1,875 on the west of the Tansa duct line at mile 0 furlongs 2 has been approved by the Corporation and the work has been entrusted to the District Local Board, Thana, but no progress was made during the year under report The cattle pound after construction will be handed over to the District Loca Board, Thana, for maintenance and management.

Vaitarna Gaugings.

37. Details of gauging, etc. , are given in Appendix "F". The cost of his work was met from special grant provided under B.—Repairs and Maintenance, II.—Extra-Ordinary (Rs. 706).

Cost of Repairs.

38. The total cost of materials incurred under the 'Materials for General Works and Repairs, Outside Bombay' for items in paragraphs (15 , 16, 33) was Rs. 8,601

Lighting Sets.

39. The lighting set at Tansa was maintained in working conkdition throughout the year. The old lighting set at Powai was also repaired and put into commission but for want of storage batteries, the set could not be worked economically. The total cost of Rs. 614 for upkeep repairs and maintenance was met from the grant provided under 'Maintenance of Lighting Sets at Tansa and Powai.'

EXTRA—ORDINARY REPAIR WORKS

40. (*a*) *Algae Growth.*—Copper Sulphate which is used for destroying algae was not available in the early part of the year, it could be purchased late in the year. The expenditure incurred during the year was Rs. 1,379.

(*b*) *Repairs to Embankment.*—87,000 c.ft. of earth filling and 38,540 sq. ft. of stone pitching were done at a total cost of Rs. 14,777 at several places as per detals given below. These works were necessary on account of the washing away of the embankments and settlement of trunk mains.

Place and Mileage.	Earth Works. c.ft.	Stone Pitching. sq .ft.	Cost. Rs.
29/2 Kasheli Division	30,000	12,000	6,941
45/0 Vakola	15,000	10,000	2,985
Between Kirol and Kutchra cabins ...	10,000	7,000	2,000
Syphon No. 5 at Yewai	32,000	9,540	2,851
			14,777

(*c*) *Patch-plating the leakes on steel mains.*-About 250 square feet of 3/8" thick patch-plates were welded to the badly corroded portion of the 57" steel mains in Salsette Division. About 180 running feet of welding was done. The expenditure incurred during the year was Rs. 2,942.

(*d*) *Strengthening the expansion joints on steel mains.*—The expansion joint on the collapsed portion of the 72" East Tansa main near Bhandup which was removed for reconditioning last year, was repaired and refixed by re-welding during the year under report. This repaired joint was found to be functioning well. It was proposed to strengthen three more expansion joints on steel mains, but the work could not be completed for want of plants and materials. The expenditure incurred during the year was Rs. 2,494.

(e) *Strainers for Tulsi.*—Most of the materials for providing strainers for Tulsi were obtained and the work was partially compieted. The expenditure incurred during the year was Rs. 2,807.

(f) *Re-painting the Old Bassein Creek Bridges Nos. 1, 2 and 3 in Kasheli Division.*—Bridge No. 1 was painted at a total cost of Rs. 2,760.

(g) *Repairs to solution tanks at Bhandup.*—In order to find the best materials suited to resist the action of chlorine, several experiments were carried out but no suitable copmpound was found for the purpose. It was therefore decided to line the tanks with glazed tiles and accordingly materials costing Rs. 3,270 were purchased to the extent of the funds available.

(h) *Replacing unserviceable ebonite balls of the air valves.*—The old an d unserviceable ebonite balls were replaced by new ones late in the year as materials could not be obtained earlier. The cost incurred was Rs. 1,392.

(i) *Demarcation of boundaries of Tansa Lake, providing boundary stones etc.*—210 boundary stones were fixed at R.L. 425 in the river protion of the Tansa Lake after a joint survey with the Government of Bombay to demarcate the Municipal limit. The expenditure incurred was Rs. 2,629.

(j) *Repairs to Pivli over-bridge in mile 6/4.*—Both the west side wing walls of the Pivli over-bridge were pulled down as they were very badly cracked and new ones of proper thickness built in their place at a cost of Rs. 2,474.

(k) *Repairs to Culverts.*—The culverts at mile 36/4 at Bhandup and at mile 34/5 near Mulund were repaired by re-constructing the wing walls which had badly cracked and settled, at a cost of Rs. 3,020 and Rs. 4,270 respectively.

The culvert at mile 36/0 near Bhandup was completely repaired at a cost of Rs. 2,357.

Castings. 41. Considerable difficulty was experienced in getting castings and several works involving the use of castings had to be done either towards the end of the year or left undone.

V.—DISTRIBUTION BRANCH.

Distribution. 42. For the purpose of distribution of water, the City was divided into 3 main divisions (*i*) South and West (coloured blue and khaki on plan in appendix 'G'), (*ii*) East (Coloured yellow) and (*iii*) North (coloured green and pink). The South and West of the Island were served by the Malabar Hill Reservoir which has a storage capacity of 30.5 million gallons, *i.e.*, an equivalent of about 10 hours' supply, according to the present demand. The high level areas of Gibbs Road, Carmichael Road and Altamont Road were served through the 60,000 gallons capacity elevated tank at Malabar Hill Reservoir to which water is pumped by 4 electrically driven pumps (2 of 40 H.P. each and 2 of 26 H.P. each). The East of the Island was served by the Bhandarwada Hill Reservoir which has a storage capacity of 20 million gallons, *i.e.*, an equivalent of about 12 hours' supply. For the high level localities of Dongri and Mandvi, the pressure was boosted up by 2 electrically driven pumps of 75 H.P. each situated at the Bhandarwada Hill Reservoir. The North of the Island was served directly from the Trunk mains in the absence of service reservoirs. A scheme estimated to cost about Rs. 60 lakhs for providing balancing reservoirs on the Worli and Rowli Hills to serve the North of the Island was submitted to the Corporation in 1939, but its consideration has been deferred pending the decision on the question of augmentation of water supply. To bring as much water as possible to the Malabar Hill Reservoir, the 72″>57″>36″ East Main was kept entirely isolated from Tansa to the Malabar Hill Reservoir. It brought 28.0 to 31.0 million gallons per day according to the level of the lake. The 72″>57″ West main is drawn during suplply hours diretctly at various places in the City particularly for the West portion of the North of the Island (coloured green). During non-supply hours about, 3 to 4 million gallons per day, were taken to the Malabar Hill Reservoir from this main. The 48″>36″ New Tansa Main was practically reserved for the Bhandarwada Hill Reservoir for taking about 18 million gallons per day. The 48″ Old Tansa main along with 32″ and 24″ Vehar mains supplied water directly to the East portion of the North of the City (coloured pink).

Hours of Supply. 43. Throughout the year the different localities were supplied water as shown in Appendix 'H'.

Fire Attendance. 44. The Assistant Engineer in charge of Distribution together with the Assistant Engineer, Waste Prevention and the other staff gave immediate attention to every fire throughout the year. The total number of fire calls received from the Fire Brigade Department and attended to was 631 as against 667 during the previous year. 147 of these calls were false and the total quantity of water used on fire as well as on the way when the supply was turned on was about 207 million gallons. The water supply in each case was regulated according to the needs of the situation and sufficient supply was made available in every case.

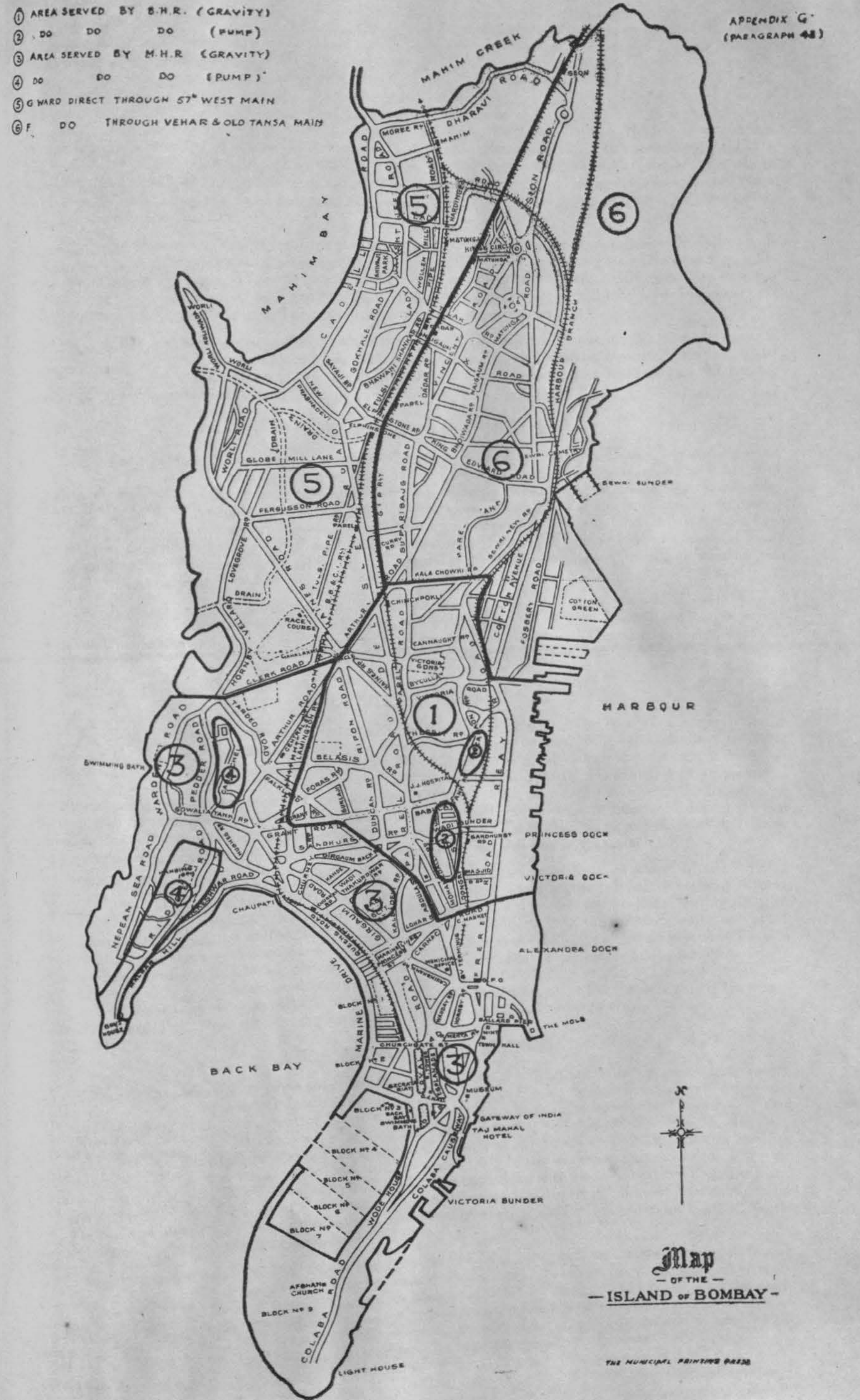
Telephone System. 45. Four direct exchange lines were maintained for Distribution Branch, two at the Babula Tank Control Room, one at the Bhandarwada Hill Reservoir and one at Futka Tank. The reservoirs at the Malabar Hill and the Bhandarwada Hill and the wards in the City had 11 extensions from the Babula Tank Exchange. Besides, 8 exchange lines for residences and 4 for offices were maintained and the total cost during the year for these lines along with the cost of 6 telephone xchange lines mentioned in paragraph 30 was about Rs. 8,995.

Fountains and Cattle troughs. 46. There are 78 drinking fountains, 17 cattle troughs, 37 drinking fountains with cattle troughs (combined), 60 stand pipes and two dipping wells as per details given in Appendix 'I' in the City which were open to the general public throught the year and were maintained in a clean condition. Repairs to the fountains, cattle troughs and stand pipes were carried out departmentally at a total cost of Rs. 905.

Wells. 47. There are 18 Municipal wells as per details shown in Appendix No. 'J' out of which water was used from 3 wells by the public *viz.*, (1) Junction of Mayo Road and Churchgate Street, (2) Mayo Road in the High Court Compound and (3) Worli Koliwada. Owing to improved war situation, Government decided to hermetically seal all the wells in the City and accordingly manhole frames and covers of the 16 Municipal wells along with other wells (not used by the public) were heremetically sealed with cement.

Gardens. 48. The gardens along the slopes of Gibbs and Ridge Roads (known as Hanging Gardens), Sir Pherozeshah Mehta Gardens on the top of the Malabar Hill Reservoir and the Joseph Baptista Gardens on the top of the Bhandarwada Hill Reservoir were maintained during the year at a cost of Rs. 8,372 (materials only). The Hanging Gardens, Sir Pherozeshah Mehta and Joseph Baptista Gardens cover an area of 59,600, 2,89,000 and 3,37,500 sq. ft. with 6,500, 5,400 and 9,500 running feet of pathways varying from 6 to 16 feet in width respectively. The Hanging Gardens were kept open to the public throughout the year, night and day, the Sir Pherozeshah Mehta Gardens from 4-30 A.M. (B.T.) to half an hour after sunset, and the Joseph Baptista Gardens were kept closed under the Defence of India Rules.

APPENDIX 'G'
(PARAGRAPH 43)



Vegetable, Fruit and Flower Show.

49. At the Vegetable, Fruit and Flower Show held at the Brabourne Stadium on 7th and 8th March 1944, both the Sir Pherozeshah Mehta Gardens as well as the Joseph Baptista Gardens completed under different classes. The Sir Pherozeshah Mehta Gardens were awarded the Municipal Commissioner's Cup for Public Gardens and the Joseph Baptista Gardens were declared the 2nd best. First prizes were awarded to the Sir Phrozeshah Mehta Gardens for Coleuses and best collection of 50 verns in pots ; the second prize for a group of flowering plants arranged for effect in a space of 100 sq. ft. and the 3rd prize for Carnations. Similarly, the Joseph Baptista Gardens were awarded the first prize for a group of flowering plants arranged for effect in a space of 100 sq. ft. ; second prize for displaying Pinks, Phlox drummondi and Salvia (blue) and third prize for Antirrhinums. Besides the above prizes, some Malees of both the gardens were awarded 1st, 2nd and 3rd prizes for Dinner-table decoration arrangement of cut flowers in baskets, hand bouquets and button-holes. The total amount collected in prize money including the cup was Rs. 215.

Orders for Disconnecon of Water Supply.

50. The number of cases reported to the Standing Committee for severing water connection for non-payment of taxes was 165 as against 275 in the previous year. Disconnection order were, however, issued in 152 cases only out of which in 118 cases they were not enforced owing to the requirements having been complied with. In 34 cases supply was closed and subsequently restored on compliance with the requirements.

Prosecutions.

51. 324 prosecutions were launched before the Honorary Presidency Magistrates for the infringement of the provisions of the Municipal Act and for viaolation of Bye-laws relating to Water Works during the year under report. The number of convictions was 148, and the amount of fines recovered was Rs. 2,901.

VI.—WASTE PREVENTION BRANCH.

Testing of Mains by Deacon Meters and Soundings.

52. The total length of water mains (upto 9" in size tested for leakage by Deacon Meters was about 369 miles as against about 314 miles during the previous year. The total length of mains (above 9" in size) tested by soundings was about 141 miles as against 105 miles during the preceding year. As the work of handling the sluice valves for regulating water supply as well as other works in connection with the Distribution System have increased considerably and as the A.R.P. staff had been disbanded from 1st February 1944 two gangs of Waste Prevention Branch were utilised for these works. The total cost of testing mains and investigating leakage was Rs. 2,176 during the year.

Defects in Water mains and notices issued

53. 12,805 defects in the distribution system were detected and repaired, of which 6,880 were underground and 5,925 aboveground. Particulars of defects detected and remedied, the number of diagrams taken and wastage checked during the year is given in Appendix 'K'. The number of notices issued to owners of private premises for defects in water fittings was 4,068.

VII.—METER BRANCH.

Staff and In case in Revenue.

54. The special staff sanctioned by the Corporation for meter inspection work was continued during the year under report. The total revenue derived from water supplied by meter measurements was Rs. 58,83,897 during the year, which shows a net increase of Rs. 6,89,044 over the previous year. This was partly due to more rigid inspection of meters and partly due to more demand for water for industries. The increase in revenue in the former case on account of new meters fixed on various trade connections which were formerly unmetered during the year and on account of meters exchanged for periodical test amounted to Rs. 81,036. The cost of meter staff during the year amounted to about Rs. 18,485 and is included under Establishment (praagraph 96).

Meters.

55. 2,758 meters of sizes varying from ½" to 8" were maintained from the grant under 'Meters' during the year at a total cost of Rs. 24,963 which included the cost of maintaining Venturi Meters. 463 meters were exchanged and 431 meters were repaired during the year. Meters were fixed on 62 new connections and 17 meters were removed from the existing connections as the properties fed from these were charged on a valuation basis. Due to the difficulty of getting new meters as well as spare parts for repairs small trade concerns had to remain unmeterd as preference had to be given to those concerns where the use of meters could result in a larger revenue to the Municipality. However, efforts are being made to see that as many as possible of these cases get a metered supply. For the same reason 17 connections were charged on their discharging capacity and 29 on an agreed *pro-rata* basis.

VIII.—MAINTENANCE BRANCH.

Repairs and Upkeep of Plant, Machinery, Instruments, Equipment, etc.

56. The repair works pertaining to the vairous Plant and Machinery, Equipment, Instruments, etc., as per details given in Append.x 'L' in the Ins.de City D.vision were carried out to the extent of funds available in the workshop attached to the Maintenance Yard at DeLisle Road, which comprises different shops, such as, Meter Shop, Testing shop Machine shop, Painter shop, Carpenter shop, Smith shop, Motor vehicles servicing and Repair shop, etc. In all about 1,875 repair works were executed during the year in these shops and about 2,000 welding and cutting jobs were carried out with the sight-feed oxy-acetylene plant. Besides, plant, machinery, instrument, equipment etc., as mentioned in Appencix 'M' were maintained to the extent of the funds available. The cost of materials was met from the grant for Materials for General Works and Repairs in Bombay. (*Vide* paragraph 69.)

Maintenance of Pumping Engines and Plant at the Reservoir Control Rooms.

57. 4 Pumping sets (2 of 26 H.P. each and 2 of 40 H.P. each) for pumping water to the elevated tank at the Malabar Hill Reservoir, 2 pumping sets (7.5 H.P. each), for the fountain arrangement at the Sir Pherizeshah Mehta Gardens, 1 Pumping set (1 B.H.P.) for the septic tank attached to the malees' quarters at the Malabar Hill Reservoir, 2 pumping sets (75 B.H.P. each) for the elevated localities of Dogri and Mandvi and 1 pumping set 7.5 (H.P.) for the elevated tank for watering the Joseph Baptista Gardens, were maintained during the year at a total cost of Rs. 20,742 including energy charges. An additioal 40 B.H.P. electrically driven pumping set for the elevated tank at the Malabar Hill Reservoir was ordered out and received at the end of the year and the erection work was in progress. Orders were also placed for replacing one as 26 B.H.P. electric motor of pumping unit No. 4 and one 40 B.H.P. electric motor of pumping unit No. 2.

Maintenance of water mains and number of bursts.

58. 373.07 miles of water mains [57"-11.5 miles; 48"—13.75 miles; 36"—4.08 miles; 32"—12.37 miles; 30"—4.37 miles; 28"—0.50 miles; 27"—7.50 miles; 26"—0.75 miles; 24"—24.62 miles; 22"—1.75 miles; 21"—0.75 miles; 20"—0.50 miles; 19"—0.12 miles; 18"—7.27 miles; 17"—0.25 miles; 16"—1.37 miles; 15"—4.55 miles; 14"—2.503 miles; 13"—0.75 miles; 12"—21.906 miles; 11"—0.25 miles; 10—"1.62 milse; 9"—37.58 miles; 8"—4.25 miles; 7"—5,30 miles; 6"—108.71 miles; 5"—44.3 miles; 4"—29.38 miles; 3"—20.52 miles—(including hydrant mains] were maintained during the year. There were 18 bursts on various mains as per details given in Appendix 'N'. which were repaired promptly. In addition to this, 16,450 works pertaining to repairs to communication pipes, fire hydrants, road surface boxes, cleaning of chokes, etc., were carried out. The cost of materials was met from the grant for materials for General Works and Repairs in Bombay and is included under paragraph 69.

Number of water connections.

59. The total number of water connections to different premises in the City was 51,399, *i.e.*, a net increase of 177 over the last year's number. The number of new water connections laid by the Maintenance Branch during the year was 211 against 762 during the preceding year. '34 connections were disconnected on account of the demolition of old buildings and for various other reasons. The cost of materials for 37 connections out of 211 new connections made was met by the Municipality and debited to the grant under 'Materials for General Works and Repairs in Bombay'. and is included under paragraph 69. The cost of road repairs for these connections was met from the grant under 'Repairs to Roads over Trenches' and is included under paragraph 61. 174 works of giving connections, etc., to private parties were carried out at their cost amounting to about Rs..3,982

Repairs to Buildings.

60. The repairs and paintings to 15 out of 36 buildings of the Water Works Department within the City as per details given in Appendix 'O' were carried out at a total cost of Rs. 10,136.

Trenches.

61. 7,537 trenches, each verying in length from 5' to 100' were excavated for trial pits and for general repairs and maintenance works all over the City. All the trenches were restored through the City Engineer's Department at a cost of Rs. 46,502.

Transport.

62. Five motor lorries and 23 hand trucks were maintained during the year for transport of materials, etc., at a cost of about Rs. 11,895. The total mileage covered by the motor lorries during theyear was 33,153 miles, the cost per mile was 5.75 annas. 8 Rubber tyres and 3 tubes were purchased during the year after obtaining the necessary permit from the Area Rationing Authority. All the motor vehicles belonging to the Water Works Department and those owned by the Officers of the Department and used for official duties were granted Essentiality permit E (*b*) under Section 7 of the Motor Vehicles Spare Parts Control Order (1943).

Testing of Water fittings.

63. The testing of galvanised iron pipes (½" to 4") cast iron pipes (3" to 48"), galvanised iron fittngs, such as couplings, bends, tees, elbows, etc., brass and gunmetal fittings, such as ferrules stop and bib taps, waste-not taps, ball taps, pillar taps, glove taps, 3" to 30" sluice valves, underground and stand-post hydrants, cast iron and porcelain water closet cisterns with their fittings, canvas hose pipes, etc., was carried out during the year at the Chinchpokli Workshop The total number of such pipes and fittings tested as per details given ain Appendix 'P' was 70,207 (22,132 from private parties and 48,075 pertaining to Municipal works), which included 2,722 second-hand galvanised iron and C.I. pipes and fittings which were allowed as a special case due to the difficulty of obtaining new materials on account of war. The revenue derived from the testing of pipes, fittings, etc., sent by private parties amounted to Rs. 5,465 On account of large number of pipes and fittings tested for urgent connections required for Military authorities and other armed forces, a temporary staff consisting of 2 fitters and 6 porters was appointed for a period of three months during the year.

Testing of meters.

64. During the year about 1,213 municipal meters of different sizes were tested In addition to this 187 meters were submitted by private parties for test of which 152 were passed and sealed and the remaining were rejected. The revenue derived from testing of water meters submitted by private parties amounted to Rs. 1,711

Chokes in Communication Pipes.

65. Special staff consisting of 1 Sub-overseer, 2 Plumbers and 6 labourers sanctioned by the Corporation was continued during the year on the temporary establishment for cleaning communication pipes between the municipal mains and the stop taps in F and G Wards. About 1,509 connections were cleaned at a cost of Rs. 5,050. The cost of staff and labour was met from Establishment grant (paragraph 96). The cost of material was met from the grant under Materials for General Works and Repairs in Bombay. (*Vide* paragraph 69).

Cleansing of Consumers Pipes nad Fitting in Dadar Matunga Estates

66. As there were many complaints being received due to chokes in consumers's pipes and fittings in the Dadar-Matunga Area, which is supplied water from the Vehar Lake, the Corporation sanctioned tunds for the work of cleaning consumer's pipes and fittings beyond the stop tap in this area. The work was started in the middle of September 1943 and by the end of the year 683 connections aggregating to 2,34,125 running feet of consumers' pipes of different sizes were cleaned at a cost of Rs. 6,156

Cleansing of Meter Strainers.

67. A special staff comprising 1 Sub-overseer, 2 Plumbers and 6 Labourers was appointed in the month of August 1943 for periodical cleaning of meter strainers as an experimental measure. Accordingly 1,059 meter strainer were cleaned. It was found that in about 70 per cent. of the cases, there was increase in revenue on account of the periodical cleaning of meter strainers and besides the number of complaints on account of chokage of meters was considerably reduced. The staff has been continued and the work is in progress. The expenditure incurred on the staff from Aubust 1943 to the end of the year was Rs. 3,251 which was met from grant under Establishment (paragraph 96). The cost of material was met from the grant under Materials for General Works and Repairs in Bombay. (*Vide* paragraph 69).

Major Works.

68. Six major works as per Appendix 'Q' were carried out during the year and expenditure for items 1, 2 and 3 was Rs. 7,179 while that of items 4, 5 and 6 is included in the respective Maintenance grants.

Cost of Maintenance Works.

69. The total cost of materials under the head 'Materials for General Works and Repairs in Bombay,' for works included in paragraphs 56, 58, 59, 65, 67, 68 (items 5 and 6 of Appendix, P') amounted to about Rs. 60,223.

IX.—CONSTRUCTION BRANCH.
(Loan and other Works)

Laying New Mains and other Works.

70. From Loan Funds 510 running ft. of 24", 130 running ft. of 18", 265 running ft. of 15", 18 running ft. of 14", 825 running ft. of 12", 4,420 running ft. of 9", 925 running ft. of 7", 9,040 running ft. of 6", 4,180 running ft. of 5", 50 running ft. of 4" and 1,430 running ft. of 3" mains were laid. 111 hydrants were installed and 251 house connections were transferred to the new mains as per details in Appendix 'R'. The total expenditure during the year amounted to Rs. 7,10,456. 3 Works were carried out on behalf of Public Bodies at their cost as per details given at the end of Appendix 'R'. (Cost—paragraph 107(*d*)).

New Works.

71. 9 New Works as per details in Appendix 'S' were carried out from New Works' Grants at a total cost of Rs. 19,070. The reasons for not carrying out and completing some of the works are given in the remarks column.

X.—SURVEY AND DESIGN BRANCH.

Preparation of Plans and Estimates.

72. Several Schemes for the improvement of water supply in general and for affected localities in particulars were designed during the year. 154 estimates for provision and enlargement of water mains and other works amounting to over Rs. 39.06 lakhs were prepared during the year, out of which plans and estimates amounting to about Rs. 23 lakhs were sanctioned by the Corporation. The number of tracings and blue prints prepared during the year was 250 and 700, respectively. (Due to war, ferro paper was scarcely available in the market).

Records.

73. Statement and reports for (1) Lake levels, (2) Storage of water in lakes, (3) Discharge through trunk mains, (4) Rainfall in different districts, (5) Leaks in the Tansa Dam, (6) Bacteriological and Chemical analysis of water, (7) Temperature of water, (8) Short supply complaints, (9) Chlorine and ammonia dosages, (10) Exhaust water from Hydrostats, (11) Pressure charts, (12) Venturi meter discharges, (13) Lake, Outlet well and Reservoirs level charts and (14) Vaitarna River gaugings were maintained during the year under report and the statements for Nos. (1), (2), (3) and (4) were submitted to the Corporation every month and during the monsoon every week.

Extra Charge for water used for building purposes.

74. 663 cases of extra charge for water used for the purposes of construction were framed as against 1,162 in the preceding year, resulting in a total revenue of about Rs. 1,57,488 as against Rs. 51,600 in the preceding year.

Survey of Water Mains.

75. With a view to bringing the records of water mains and fittings up to-date, the Standing Committee sanctioned a special staff for carrying out the survey of water mains. The work was taken in hand in April 1940 and by the end of the financial year, about 491 miles of mains of different sizes were surveyed and marked on sheets with all the fittings appurtenant thereto. The work is still in progress.

Repairs to Survey Instruments.

76. 7 Theodolites, 19 levels, 4 Optical squares, 2 Prismatic compass, 2 Plani-meters, 5 Staves, etc. were maintained during the year at a total cost of Rs. 243-10-0.

XI.—WORKS OF INTERESTS.

Repairs to the Tansa Dam.

77. For the remaining work of treating the upstream side of Tansa Dam with 2" thick reinforced gunite the tender of Messrs. John Fleming and Co., Ltd. was accepted; but the work could not be started earlier for want of cement and transport facilities on account of war conditions. However, it was started in the month of March of the year under report and about 23,000 sq. ft. of guniting over the waste-weir was done during the year. The work of laying a new trolley track along the toe of the Tansa Dam was continued. A total length of 7,400 ft. of embankment and trolley track has been completed since the beginning of the work. 9,60,000 c.ft. of earth work was carried out and four more bridges were constructed during the year, bringing the total number of bridges to 5. The expenditure incurred during the year was Rs. 29061.

Pitometer Survey.

78. A temporary staff consisting of three sub-overseers and six peons was appointed by the Corporation for taking pitometer gauging of various trunk and distributary mains. In all 119 gaugings were taken during the year. In addition to this as meters were not available from September 1943 to January 1944, continuous gaugings were taken on the 6" main at Sir Porhkhanawalla Road at Worli at the cost of the Central P.W.D., Government of India, for which an additional temporary staff comprising three Sub-overseers and 6 peons was appointed for the period.

Cleaning of Vehar Lake.

79. Further work of cleaning the approaches to the pump house was carried out by providing a channel The sides were properly pitched in order to protect the suction foot valves from damage by stones, etc., and to keep them clear of solid matters. Expnenditure booked during the year was about Rs. 2,439.

Gourami Fish in the Tulsi Lake.

80. The fish originally introduced at Tulsi appeared to thrive, but it has been found very difficult to ascertain the increase in their number.

Elevated Tank Construction at the Bhandarwada Hill Reservoir.

81. The work of laying rising outlet and suction mains from the three compartments was completed. Also the electrically operated pumps were removed and reinstated in the new control room. The Reinforced Cement Concrete tank was practically completed but on taking water test before guniting, it was observed to leak heavily and therefore samples of concrete were taken and got analysed. The results showed poor grading, too short a period in the mixer and the use of wet mixture. The contractors were requested to rectify all the defects due to bad workmanship, etc. Beyond collecting materials like sand, metal, cement, etc., nothing further has been done. To guard against the risk of slips during the monsoon and thus exposing the foundation of the tank, the area round about has been properly terraced and sloped. The expenditure booked during the year was Rs. 27,247.

Encasing the 57" main in Sleater Road.

82. The remaining work under the previous year's contract was continued during the current year. About 240 running ft. of steel mains were treated with reinforced gunite. The total expenditure booked during the year was Rs. 45,595.

Acquisition of Khardi Village.

83. No progress was made in the acquisition of the site of Khardi Village which falls within the Tansa Catchment Area on account of the problem of water supply to the villages at the new site. A proposal has been received from Government stating that in view of the difficulties involved in the acquisition of Khardi Village and on account of the distance of the village site from the lake area it may be considered whether the acquisition of the village is absolutely necessary. This is under consideration. The expenditure booked during the year was Rs. 58.

Repairs to the 57" steel mains in Bandra Creek.

84. The work of raising the mains could not be taken up during the year as some of the castings and other materials were not received. The expenditure booked on materials received during the year was Rs. 31,809.

Providing Screens to the Inlet Bay of Vehar and the Outlet Well at Tansa.

85. The remaining work of providing wire ropes for the Screens at Vehar was completed during the year and the screens are working satisafactorily. The work of providing screens at Tansa had to be postponed on account of the difficulty in the distribution of water supply to the City particularly as more water was required for Industrial and Military purposes and the work would have necessitated curtailment of supply to a certain extent.

Repairs to the damaged spans of the Kasheli Bridge.

86. The main work of providing the new 200' spans at the Kasheli Bridge No. 2 was completed. Looking to the difficulties of obtaining materials and want of transport facilities, the work can be said to have been completed fairly expeditiously. Incidental works of restoring the trolley track on the 200'-0" collapsed spans, 24" bye-pass at Kasheli Anchor Block, renewing some of the worn out and corroded bracings and cross-bracings, etc., were carried out.. The work of providing a 24" cross-connection between the 72" East and West and 48" Old and 50" New Tansa mains, on the south side of Kapurbavdi Anchor Block was in progress. The total expenditure incurred on all these works during the year was Rs. 1,37,030.

Concrete Blocks under Steel Mains.

87. The work of providing concrete blocks under the entire length of steel mains outside the City at a total estimate of Rs. 12,74,800 has been sanctioned under Corporation Resolution No. 369, dated the 5th August 1943. A further amount of Rs. 10,000 was sanctioned for providing concrete blocks under steel mains wherever they were badly corroded. Out of this amount 30 blocks were constructed as under:—

(*a*) 6 Nos. under 57" Tansa mains in mile 46/47 near Nawapada Crossing at Bandra in Salsette Division

(*b*) 18 Nos. under 72" Tansa mains at mile 29 in Kasheli Division.

(*c*) 2 Nos. at mile 21/5 and 4 Nos. at mile 7/4 in Jamboli Division.

The expenditre booked during the year was about Rs. 10,314. The cost per block including pitching grouting the joints, drainage arrangement, etc., worked out to about Rs. 330. So far, since 1942-43 104 blocks covering a mileage of 0.42 has been provided at a total cost of Rs. 28,731.

Swing Bridge in Kurla Creek.

88. The work of the embankment at the approaches was continued and during the year 90,000 c.ft. of earth work was done.,All the three piers were extended by about 10'-0" to the east side by providing grillage foundation and driving pipes of old rails to a depth of about 25'-0" to 30'-0". The whole of the work of extension of piers was done in wooden casing of double row of planks filled with clay between them to form water-tight walling and continuous pumping had to be resorted to. The extended portions of the piers were raised to obtain sufficient head-way under the bridge as per arrangement with Government. The trolley track has been diverted by relaying it on the newly extended and raised piers and the work of removing the old Swing Bridge is in progress. The expediture booked during the year was Rs. 18,468.

Jumper Crossing Across Kurla-Mankhurd Railway.

89. The jumper crossing on inter-locking principles was provided through the G. I. P. Railway at a cost of Rs. 2,669. Gatemen are maintained day and night by the Railway Authorities for operating the crossing arrangement.

Report on the Augmentation of City's Water supply.

90. The Committee of Experts appointed by the Corporation to examine the Scheme referred to in the Hydraulic Engineer's report on the Augmentation of the City's Water Supply and to submit their recommendations forwarded the interim and final reports on 18th March 1943 and 5th February 1944, respectively. After eliminating all the other Schemes, they considered the merits and demerits of the two main projects, *viz*—

(*a*) Constructing a storage reservoir at Vaitarna near Mangalpada-Temba, to give an ultimate additional supply of 100 million gallons per day and diverting the same to the Tansa Lake through a conduit by tunnelling the intervening hills and laying additional mains between Tansa and Bombay as and when necessary after first utilising the Tansa Duct which would be reconditioned thoroughly, and,

(*b*) utilising the tail waters of the Andhra Valley Electric Power Supply Station at Bhivpuri to the extent of 100 million gallons per day by laying steel mains of suitable sizes in stages and constructing a balancing reservoir about 3 miles away from Bhivpuri, and have recommended the Bhivpuri Scheme and suggested that in the first stage, a 60" main might be laid

Agreeing with the opinion of the Committee, the Municipal Commissioner has forwarded the Report to the Works Committee. At the end of the year the report was under the consideration of the Works Committee. The expenditure booked during the year was Rs. 1,560.

8" main for Malad and Madh.

91. The 8" diameter Hume Steel pipe line laid along the Andheri-Kurla Road (1½ miles), B. B. & C. I. Railway limits between Andheri and Malad (4½ miles), Malad-Marve Road (4 miles) and Marve-Madh Road (5 miles) at the request and cost of the Government of India, Defence Department, to supply water to the Military Camps at Madh was maintained during the year at a cost of Rs. 9,183 (paragraph 107(*d*)). A special staff consisting of one Inspector, three fitters and three labourers, was provided for the purpose.

Tulsi Pipe Bridge Across Bandra Creek.

92. The Chief Engineer, B. B. & C. I. Railway, was further approached in the matter of allowing concreting of the piers by providing a coffer dam against the railway piers, but he declined to give permission for the construction of a coffer dam as suggested and further proposed that a reinforced concrete trestle bridge on a site a few feet away from the present bridge might be constructed by the Municipality. As this would be a costly undertaking on account of new foundations, etc., an alternative proposal estimated to cost Rs. 65,000 of constructing a 188' span bridge over the existing abutments has been made.

Examining the submerged parts of Kasheli Bridge.

93. The Corporation under their Resolution No. 193, dated the 14th June 1943 gave approval to the work of examining the submerged portions of the Kasheli Bridges being carried out at an approximate cost of Rs. 22,000 and accordingly the work was entrusted to the Diving Engineer to the Bombay Port Trust. Only a few of the piers of South Kasheli Bridge were examined and further work is in progress. The expenditure booked during the year was Rs. 3,000.

Extending the existing Anchor Blocks and Providing Additional Ones in the Outside City Division.

94. As the existing cross connections between the trunk mains Outside City vibrate to a very great extent when the sluice valves are operated, it was proposed to encase these connections in concrete. This work estimated to cost Rs. 33,360 has been sanctioned by the Corporation under their Resolution No. 719, dated tne 2nd November 1942. Accordingly the work of encasing in concrete the connections at Bandra and Sahar were carried out during the year at a cost of Rs. 3,704

XII.—MEASURES FOR CIVIL DEFENCE.

95. (*a*) Owing to the improved war situation it was decided to retain only 41 static tanks, to demolish 41 tanks and to restore the land to its original condition and hand over the same to the owners and the remaining 22 to be filled up with earth. The work of demolition was entrusted to the City Engineer's Department and about 26 tanks were demolished during the year under report. The work of filling up was done by the Officer Commanding, Fire Services and 6 tanks were filled up at the end of the year.

Static Tanks.

(*b*) 9 Wells were re-opened during the year under report making a total of 1,399 wells in all and about 20 manhole frames and covers were provided to serve as openings for drawing water, bringing the total of manhole frames and covers to 1,520. In those localities in which there were no wells to be opened, 7 wells were excavated bringing the tota l number of such excavated wells to 116 and 30 manhole frames and covers were provided bringing the total to about 360. On account of the improved war situation the work on the rema ning 4 wells was stopped, and it was decided in consultat on with Government to hermetically seal all the manhole frames and covers. Accordingly 1,880 manhole frames and covers were hermetically sealed with cement. The pumping sets provided for 10 wells situated in open spaces like maidans, etc., were removed during the year, including the suction and delivery pipes.

Surface Wells.

(*c*) While the work was in progress in one place and was going to be started in another place, as most of the castings required were received, instructions were received from Government that the works should be stopped. A statement showing the castings received, used on works, balance remaining, etc., is being prepared with a view to share the cost with Government.

Cross connections between trunk mains.

(*d*) A.R.P. Measures were taken to protect one vital structure, bringing the total number to 18.

Protection of Vital Structures.

(*e*) Out of the orders placed with different contractors for the supply of C.I. pipes, castings, steel specials, sluice valves, pumping units, motor trollies, cycles steel cupboards, fire fighting equipment, etc., estimated to cost Rs. 1,83,533 some materials as per details in Appendix 'T' costing Rs. 91,569 were received during the year. In case of steel specials required for the Outside City Branch, no license for steel was granted by Government and consequently the contractors could not get steel to manufacture specials. Hence the question of cancelling the contract is under consideration.

Materials, Plant, etc.

(*f*) Owing to the improved war situation, Government raised the question whether the rentals of buildings requisitioned for labour camps should be shared by them and therefore it was decided to re-organise the labour camps with a view to release some of the buildings to the owners and to charge rentals to the occupants This Department's staff was therefore accommodated in some buildings along with the staff of the City Engineer's Department. About 140 persons of the Inside City Division have been accommodated so far in various buildings. In the Outside City Division no new quarters were constructed during the year.

Housing Accommodation.

(*g*) The expenditure incurred under item 95(*a*) (paragraph 107(*d*)) was Rs. 1,00,578 and was borne by Government. The expenditure incurred under item 95(*e*) was Rs. 91,569 and was borne by the Municipality. Thd expenditure incurred for the remaining items 95(*b*), (*c*), (*d*) and (*f*) was Rs. 2,94,616 and was shared equally by Government and the Municipality.

Cost.

XIII.—GENERAL.

96. The details of the Superior staff of the Water Works Department are shown in the table marked Appendix 'U'. The total number of Superior staff during the year was 182 and that of the inferior staff such as chaviwalas, Store-attendants and peons, was 51. The total cost of the Establishment of both the Superior and inferior staff was Rs. 2,49,069. 671 employees (on permanent establishment) including labourers, artisans, etc., were charged to the grants under permanent labour (cost Rs. 2,15,880) and 20 employees on monthly wages were charged to the grants under the various revenue works on which they were employed. (Cost Rs. 31,713). 84 persons were on Temporary establishment on daily wages and were engaged from time to time as required, and the cost of Rs. 7,433 was debited to the grant under Labour Temporary. 323 persons on permanent establishment Capital Works, Loan Funds, were charged to the various Loan Works Grants on which they were employed (Cost Rs. 1,42,788) and 681 persons were employed on daily wages (temporary) on various Loan Works Grants (Cost Rs. 2,18,168). The total Labour Staff, both permanent and temporary on Revenue and Loan Works and their cost amounted to 775 and Rs. 2,54,898 and 1,026 and Rs. 3,60,956. respectively.

Staff.

97. Housing Accommodation was provided for the following staff, as their attendance on duty was required at any time of the day or night.

Housing of the Staff Inside City.

(*a*) The Hydraulic Engineer is provided with accommodation at the Malabar Hill Reservoir on fixed rent.

Fixed rent.

(*b*) The Assistant Engineer, Waste Prevention and 29 persons of the Labour Staff.

Standard rent at 10 per cent of the pay.

(*c*) 5 Inspectors and 1 Sub-overseer in the Distribution Branch.

Concessional Rent at 5 per cent of the Pay.

(*d*) The Assistant Engineer, Distribution, 1 Inspector Maintenance, 2 Reservoir Attedants at Malabar Hill and Bhandarwada Hill, Stores Clerk, and 95 members of the Labour Staff.

Rent-Free Quarters.

98. Housing accommodation was provided for 1 Assistant Engineer, 5 Inspectors, 2 Sub-overseers and 150 members of the labour staff in the Outside City Divisions, as their attendance on duty was required at any time of the day or night.

Housing of the staff Outside City.

99. Water-proof coats, woollen coats, cubmblies, umbrellas and uniforms were supplied to 694 members of the staff comprising Sub-overseers, Chaviwallas, Sluicemen, Muccadams, Park-keepers, Peons and 443 members of the Labour Staff. The expendiutre booked during the year was Rs. 5,843.

Clothing.

100. Ground and Building rents and assessment charges paid inside and outside City including taxes amounted to Rs. 391 during the year.

Ground and Building rents.

101. Contingent charges, such as Postage, Conveyance, etc., amounted to Rs. 1,195 for the year.
Contingencies.

102. The cost of electrical energy supplied to Ward Officers of this Department amounted to Rs. 1,513 during the year.
Electric energy.

103. The expenditure booked during the year for the Plant and Machinery ordered out during the previous years under Special Funds (Loan) was Rs. 30,900 under paragraph 107(*b*) and under Revenue was Rs. 4,098.
New Plant, Machinery and Tools.

From the grant for 1943-44 under Plant and Machinery, the following Machinery and equipment were ordered out at the cost mentioned against each of the item but expenditue booked was Rs. 3,473 under paragraph 107(*b*) only, as most of the Plant and Machinery were not received during the year on account of war.

	Rs.
(*a*) Under Revenue.	
(1) Pipe cutting machine Accessories for	625
(2) 4 Sets of cutting tools	288
(3) 25 B.H.P. Protected Type squirrel cage electric motor with starter	1,070
(*b*) Under Special Funds (Loan).	
(4) Conversion of 3 Hydraulically operated sluice valves into hand-operated ones in the Outside City Division	9,240
(5) Chorinating Plant and Accessories for Bhandarwada Hill Reservoir	17,370
(6) 14" Electrically operated sluice valve for Bhandarwada Hill Reservoir	3,660
(7) Pumping set for Malabar Hill Reservoir	7,191
(8) Supply and erection for trays complete at Powai Chlorination House	6,500
(*c*) For Government of India.	
(9) Pressure Recorders for Military Main at Malad	1,920

104. Books, Periodicals and Furniture of the value of Rs. 750 were purchased during the year.
Books, Periodicals and Furniture.

105. Printing charges amounted to Rs. 3,522 and stationery and drawing materials of the value of Rs. 1,535 and Rs. 919 respectively, were purchased during the year for the use of the Department. The cost of advertisements amounted to Rs. 545 only. The total cost amounted to Rs. 6,521.
Printing and Stationery.

106. Minor and Unforeseen charges amounted to Rs. 2,115.
Minor and Unforeseen Charges.

107. (*a*) **Revenue.**—The total expenditure incurred on Water Works amounted to Rs. 70,42,653 which includes Rs. 54,21,364 for interest, sinking fund charges, etc., for loans raised for Water Works, Rs. 3,02,569 for proportionate charges for General Superintendence and Revenue Collection and Rs. 1,10,303 for Provident Fund and Pension charges. The total Revenue derived from the Wate Works was Rs. 1,01,29,352 the ex cess of income over expenditure being Rs. 30,86,399. The average cost of water brought to the City including wastages and supplied to the Suburbs works out at 2 annas 9 Pies per 1,000 gallons
Costing.

(*b*) **Loan Funds.**—The total expenditure incurred during the year out of Loan Funds was Rs. 8,03,549

(*c*) **Civil Defence.**—The total expenditure inclusive of works and staff incurred by the Municipality under Measures for Civil Defence during the year was Rs. 2,14,143.

(*d*) **Other Public Bodies.**—Works to the extent of Rs. 3,06,755 were carried out by the Departmen on behalf of Government, Bombay Port Trust, Miltary authorities, and private parties.

E. A. NADIRSHAH,

Hydraulic Engineer.

APPENDIX "A" (Paragraph 9).

Statement showing the quantity of water used for different purposes during the year 1943-1944.

Serial No.	Particulars.	No. of premises.	Quantity in m.gs.	Percentage.	Remarks.
1	Bungalows and Gardens ...	282	235	0.56	Metered.
2	Milch Cattle Stables ...	85	188	0.45	"
3	Other stables ...	36	65	0.16	"
4	Mills ...	75	1,755	4.20	"
5	Dyeing and Bleaching Works ...	49	460	1.11	"
6	Gymkhanas, Playgrounds, etc. ...	76	66	0.16	"
7	Race Course ...	1	61	0.15	"
8	Industries ...	567	589	1.41	"
9	Laundries and Dhobighats ...	52	81	0.20	"
10	Hotels ...	39	108	0.26	"
11	Flour Mills ...	8	6	0.02	"
12	Municipal properties ...	42	177	0.42	"
13	Government Properties ...	392	815	1.95	"
14	Railways ...	95	596	1.43	"
15	Bombay Port Trust ...	237	723	1.73	"
16	Suburbs ...	88	1,638	3.91	"
17	Building Works ...	597	54.13	0.13	" and estimated.
	Total metered supply ...		7,617.13	18.25	
18	Road Construction. ...	84,561 sq. yds.	1.68	0.004	Estimated.
19	Fire purposes ...	538	206.81	0.50	"
20	Leakage and other estimated losses through Municipal mains ...	11.55 m.g.p.d.	4,158.00	9.95	"
21	Road watering and cleaning at 2 gallons per square yard ...	22.9 sq. yds.	45.87	0.11	"
22	Gully flushing at 180 gallons per square yard ...	1,33,869	24.10	0.06	"
23	Miscellaneous, such as Drainage and Sewerage Works, Public Conveniences, Hospitals, Charitable Institutions etc. ...	...	2,192.00	5.25	"
24	Domestic ...	...	27,574.41	65.876	"
	Total unmetered supply	...	34,202.87	81.750	
	Total quantity of water supplied to the City and suburbs during the year ...		41,820.00	100	

N.B.—Water was supplied free of charge in case of item Nos. 21, 22 and 24.

APPENDIX "B" (Paragraph 10).

Statistics of the Lakes for 1943-44.

Serial No.	Particulars.	Tansa.	Vehar.	Tulsi.	Powai.
1	Distance from Bombay in miles by road ...	66	18	22	17
2	Lake area at F.S.L. in square miles ...	7.31	2.81	0.52	0.57
3	Total catchment area in square miles ...	52.50	7.32	2.61	2.58
4	Total rainfall in inches ...	109.65	99.66	123.24	107.47
5	Rainfall (percentage) as compared with preceding 5 years ...	6.04	14.42	18.51	14.69
6	Number of wet days ...	129	117	118	116
7	Number of days in which rainfall exceeded 1" ...	19	13	18	12
	Do. 2" ...	7	8	9	7
	Do. 3" and above ...	7	8	12	9
8	Maximum rainfall per day in inches ...	7.01	5.04	5.93	6.25
9	The lake commenced to overflow when the rainfall amounted to inches ...	60.78	Did not over-flow.	71.27	40.15
10	Number of days the Lake overflowed ...	78	*Nil.*	70	39
11	Full supply level of the lake in feet above T.H.D. ...	420.00	264.50	456.60	195.00
12	Lowest level reached during the year in feet above T.H.D. ...	391.52	242.03	438.85	190.52
13	Highest level reached during the year in feet above T.H.D. ...	420.78	259.89	457.36	...
14	Contents of the lake at full supply level in million gallons above the lowest outlet ...	35,604	9,120	2,294	1,200
15	Drawable capacity of lakes when full in million gallons.	31,068	8,407	1,848	
		387.5 (T. H. D.)	234.5 (T. H. D.)	428.0 (T. H. D.)	...
16	Contents of the lake in million gallons between the lowest level reached during the year and the lowest outlet ...	7,362	2,299	974	749
17	Quantity of water required to fill up the lakes to full supply level from the lowest level reached in million gallons ...	28,242	6,821	1,320	451
18	Quantity of water that overflowed over the waste weir in million gallons ...	27,360	No over-flow	1,078	2,014
19	Percentage of run off into the lake from the catchment ...	83.31	59.15	57.83	54.88
20	The total quantity of Water brought into the City and Suburbs during the year in million gallons ...	34,350	6,193	1,277	...
21	Total quantity of water brought into the City and Suburbs per day in million gallons	93.85	16.92	3.49	...
22	Total loss of water due to evaporation, leakage and absorption in million gallons during the dry period (213 days) ...	4,146	1,078	391	354
23	Average loss per day due to evaporation, absorption and other losses during the dry months in million gallons (213 days) ...	19.46	5.06	1.83	1.66

Note.—The rainfall in Bombay during the year as observed at the Colaba Observatory was 72.68.

APPENDIX "D" (Paragraph 12).

Statement showing the quantity of water lost by evaporation alone at the lakes.

Month.	Evaporation in feet.				Evaporation in million gallons.			
	Tansa.	Vehar.	Tulsi.	Powai.	Tansa.	Vehar.	Tulsi.	Powai.
1943—								
April	0.676	0.555	0.510	Not recorded	579.33	145.97	33.66	Not recorded
May	0.632	0.529	0.476	Do.	498.33	129.60	29.51	Do.
June, July, August, September, October		Not recorded				Not recorded		
November	0.314	0.473	0.476	Do.	381.63	157.98	41.41	Do.
December	0.401	0.516	0.527	Do.	462.98	165.12	43.74	Do.
1944—								
January	0.372	0.486	0.527	Do.	407.97	148.72	41.63	Do.
February	0.408	0.464	0.493	Do.	423.26	133.17	36.98	Do.
March	0.602	0.507	0.527	Do.	589.30	139.43	37.42	Do.
Total	3.405	3.530	3.536	Nil.	3,342.80	1,019.99	264.35	Nil.

Grand Total — 4,627.14 million gallons in dry season = 21.72 million gallons per day.

APPENDIX 'E' (Paragraph 31)

Structures in the Outside City Division.

2 Nos.—For offices at Ghatkopar and Powai.

10 Nos.—For Stores at Ghatkopar, Powai, Vehar (2), Kapurbavdi (2), Agra Road, Khaling (2) and Tansa.

2 Nos.—For Workshops at Ghatkopar and Agra Road.

2 Nos.—For complete Chlorinating and Ammoniation plants at Ghatkopar, Cross Connection and Powai.

3 Nos.—Engine Houses at Bhandup, Powai Compound and Powai Filters.

1 No.—Filters and Engine House at Tulsi.

1 No.—Pump House at Vehar.

3 Nos.—Trolley and Loco sheds at Ghatkopar (2) and Kapurbavdi.

3 Nos.—For Venturies at Powai, Marol and Thana Road.

9 Nos.—Stone masonry sluice Houses at Bandra, Sion Marimata, Vehar Tunnel, Bangoda Tulsi, Kapurbavdi, Gundoli and Tarali.

3 Nos.—Brick masonry sluice Houses at Chembur, Kirol and Kasheli.

13 Nos.—Syphon Head Cabins at Ghatkopar Syphon Head, Powai Syphon North and South, Yewai Syphon North and South, Agra Road Syphon north and south, Khaling Syphon north and south, Mandola Syphon north and south, Newada Syphon north and south.

1 No.—Watchman's cabin at Bhandup.

1 No.—Carpenter shed at Ghatkopar.

1 No.—Lighting set House at Powai.

6 Nos.—Inspection Bungalows (stone-masonry) at Tansa (2 with out-houses), Newada, Khaling, Powai compound and Vehar (with out-house).

5 Nos.—Officers' quarters of stone masonry at Vhehar, Kapurbavdi, Khaling, Agra Road and Tansa

3 Nos.—Officers' quarters of Brick masonry at Santa Cruz ((2) with out-houses), and Ghatkopar.

152 Units.—Workmen's units (Permanent structure) at Sion (6), Chembur (11), Ghatkopar (10), Ghatkopar Cross Connection (7), Ghatkopar Syphon Head (5), Thana Road (1), Marol (2), Powai Anchor Block (2), Powai compound (2), Powai Filters (25), Vehar (3), Bhandup (3), Tulsi (4), Pokhran Syphon Head (3), Kapurbavdi (6), Kasheli Bridge No. 2 (1), Gundoli Anchor Block (2), Tarali Anchor Block (2), Pogaon Anchor Block (2), Pogaon Syphon (3), Yewai Syphon North (3), Agra Road (8), Kiravli (2), Pachapur (2), Jamboli (2), Agra Road Syphon north and south (4), Khaling (6), Khaling Syphon north (5), Mandola Syphon north and south (4), Newada north (4), and Tansa (12).

8 Units.—Workmen's quarters semi-permanent units—Swing Bridge (5), and Ghatkopar Cross connection (3).

APPENDIX "F" (Paragraph 37).

Statement showing Rainfall and Vaitarna River discharge at Mangalpada near Tembha. (At the site selected for a pick-up-weir).

Month.	YEAR 1930		1931		1933		1934		1935	
	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.
une ...	25.46	15,766.34	2.02	*Nil.*	17.11	22,270.52	17.99	12,387.18	22.18	9,524.91
uly ...	20.11	117,625.07	73.93	98,844.03	24.86	44,789.95	29.15	69,166.19	35.72	76,630.71
ugust ...	10.58	46,897.30	25.62	88,620.82	39.51	110,497.42	31.68	81,995.56	16.70	66,233.10
September ...	18.09	50,395.96	14.17	34,324.84	26.39	54,509.48	12.04	23.659.63	17.40	40,891.41
October ...	1.31	8,113.15	18.92	47,917.44	3.16	7,175.74	2.29	3,575.65	5.06	4,050.87
November ...	*Nil.*	1,764.61	*Nil.*	1,033.30	*Nil.*	491.13	Not	recorded	0.03	651.53
TOTAL ...	75.55	240,562.43	134.66	270,740.43	111.03	239,734.24	93.15	190,784.21	97.09	197,982.53

Month.	1936		1937		1940		1941		1942		1943	
	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in million gallons.	Rainfall in inches.	Discharge in millon gallons.	Rainfall in inches.	Discharge in million gallons	Rainfall in inches.	Discharge in million gallons.
une ...	24.90	24,253.44	28.36	23,964.77	17.98	14,345.80	9.65	6,185.07	25.11	13,870	19.15	13,283
uly ...	27.30	62,316.18	58.52	122,371.27	46.75	77,545.61	58.62	80,777.57	65.31	1,27,195	69.04	1,29,620
ugust ...	17.32	49,610.04	9.14	29,975.14	36.81	79,623.20	16.31	40,459.13	18.55	54,670	10.72	44,440
September ...	16.97	43,051.97	25.94	48,271.90	11.69	27,059.62	5.22	9,004.88	17.84	44,605	20.73	44,857
October ...	0.05	2,636.89	2.04	6,595.27	10.97	20,225.63	3.62	1,905.33	...	7,968	8.04	15,795
November ...	Not	recorded	*Nil.*	831.00	Not	recorded	Not	recorded	Not	recorded	Not	recorded
TOTAL ...	86.54	181,868.52	124.00	232,009.35	124.20	218,799.86	93 42	138,331.98	126.81	2,48,308.00	126.68	2,47,995

APPENDIX 'H'—(PARAGRAPH 43)

Hours of Supply in different localities.

Locality.	Type of Supply.			Remarks.
	Full.	No Supply.	Restricted.	
(1) Colaba and Backbay Areas ...	1-30 A.M. to 8-30 A.M. (B.T.)	8-30 A.M. to 3-30 P.M. (B.T.)	3-30 P.M. to 1-30 A.M. (B.T.)	
(2) Dhobitalao, Girgaum and Thakurdwar areas.	1-30 A.M. to 8-30 A.M. (B.T.)	8-30 A.M. to 3-30 P.M. (B.T.) and 6-30 P.M. to 1-30 A.M. (B.T.)	3-30 P.M. to 6-30 P.M. (B.T.)	
(3) Gibbs, Altamount, Carmichael, Peddar, Warden and Gowalia Tank Roads and Forjett Street.	Do.	Do.	Do.	
(4) Areas served by Bhandarwada Hill Reservoir, *viz.*, Mazagaon, Dongri, Nagpada, Mandvi, Kamathipura, etc.	Do.	Do.	Do.	
G Ward.				
(5) North of the City above Clerk Road and bounded by a line along the Railway line.	Do.	Do.	Do.	Direct Supply from 57" West Tansa Main
(6) North of the City above Kalachowky and bounded by a line along the railway line (F Ward)	9-30 P.M. to 8-30 A.M. (B.T.)	...	8-30 A.M. to 8-30 P.M. (B.T.)	Supply given through trunk mains.
(7) Walkeshwar Road from junction with Ridge Road to the Government House Upper and Lower Gates and Malabar Hill Lower portion.	24 hours supply.			For fear of air-locks in 12" syphon main from the Malabar Hill Reservoir.
(8) Napean Sea Road and Narayan Dabholkar Road.	24 hours supply.			The size of the main is insufficient to build up pressures during emergency.
(9) Bombay Port Trust Docks and Royal Indian Navy Dockyard.	24 hours supply.			Supply required for war efforts for which a special main was laid at the cost of Government.

APPENDIX 'I' (Paragraph 46).

I.—Drinking Fountains.

Serial No.	Location.	Ward.
1	Bazargate Street junction Gunbow Street ...	A
2	Cowasjee Patel Street ...	A
3	Gunbow Street and Cowasjee Patel Street ...	A
4	Churchgate Street (Flora Fountain) ...	A
5	Pitha Street ...	A
6	Carnac Road junction Hornby Road ...	A
7	Cruickshank Road opposite Municipal Office ...	A
8	Colaba Road opposite Observatory ...	A
9	Apollo Pier ...	A
10	Mayo Road Police Chowky ...	A
11	Pilot Bunder Road and Colaba Road ...	A
12	Palton Road and Saboo Siddick Road ...	A
13	Museum (Playing) ...	A
14	Nicol Road and Goa Street ...	A
15	Nicol Road and Currimbhoy Street ...	A
16	Nicol Road and Ballard Pier ...	A
17	Mahatma Gandhi Road and Eldon Road ...	A
18	Mahatma Gandhi Road near Tram shed at Museum	A
19	New Chinchbunder junction Noorbaug ...	B
20	New Chinchbunder junction Sandhurst Road ...	B
21	Samuel Street opposite House No. 136 ...	B
22	Imamwada junction Ebrahim Rahimtoola Road ...	B
23	Jail Road junction Dongri Street ...	B
24	Parel Road junction Sandhurst Road ...	B
25	Abdul Rehman Street junction Masjid Bunder Road	B
26	Abdul Rehman Street opposite House No. 277 ...	B
27	Mahomedally Road junction Masjid Bunder Road ...	B
28	Chakla Street junction Carnac Road ...	B
29	Chakla Street opposite House No. 142 ...	B
30	Argyle Road junction Kurla Street ...	B
31	Argyle Road junction Broach Street ...	B
32	Frere Road junction Masjid Siding ...	B
33	Frere Road junction Baroda Street ...	B
34	Bhuleshwar junction 3rd Bhoiwada ...	C
35	Queen's Road junction Thakurdwar ...	C
36	1st Dhobitalao ...	C
37	Janjikar Street ...	C
38	Mumbadevi Road ...	C
39	Trimbak Parashram junction Grant Road ...	C
40	Erskine Road near Nulbazar ...	C
41	Sandhurst Road junction Mutton Street ...	C
42	Sandhurst Road (Round Temple) ...	C
43	Tardeo Tram Terminus ...	D
44	Hanging Garden Malabar Hill Reservoir (Playing)	D
45	Girgaum junction Charney Road ...	D
46	Kennedy Bridge, Girgaum ...	D
47	Gibbs Road (near Garden) ...	D
48	Gowalia Tank and Pedder Road ...	D
49	Victoria Garden Road near Berkley Palace ...	E
50	Babula Tank junction J. J. Hospital ...	E
51	Ghorupdeo Road opposite Kaiser-I-Hind Mills ...	E
52	Mastan Tank Road junction Huzuriam Street ...	E
53	Bellasis Road junction Ripon Road ...	E
54	Jacob Circle ...	E
55	DeLisle Road opposite Kermani Market ...	E
56	Parel Road junction Kalachowki ...	E
57	Reay Road junction Cannaught Road ...	E
58	Ghorupdeo Road junction New Tank Bunder Road ...	E
59	Souter Street junction Ripon Road ...	E
60	Mazgaon Road junction Dockyard Road ...	E
61	Dockyard Road near Peddar Market ...	F
62	Katrak Road near Temple ...	F
63	Lakhamsi Napu Road ...	F
64	Khodadad Circle ...	F
65	Wadala Village ...	F
66	Bhoiwada Road ...	F
67	King's Circle Garden ...	F
68	Tripathi Road junction Parel Tank Road ...	F
69	Bhandarkar Road junction Lakhamsi Napoo Road (Playing Fountain).	F
70	Parel Tank junction Golanji Hill Road ...	F
71	Parel Tank junction Kalachowki ...	F
72	Suparibaug Road opposite Masjid ...	G
73	Dharavi Road and Dharavi Cross Road ...	G
74	Lady Jamshedji Road and Mahim Causeway ...	G
75	Tilak Bridge Garden ...	G
76	Shivaji Park (in the Park) ...	G
77	Clerk Road junction Hornby Vellard ...	G
78	Lady Jamshedji Road opposite Kohinoor Mills ...	

II.—Cattle Troughs.

Serial No.	Location.	Ward.
1	Pilot Bunder and Colaba Road ...	A
2	Kurla Street opposite House No. 16. ...	B
3	Harvey Road junction Gowalia Tank Road ...	D
4	Arthur Road near Bellasis Bridge ...	D
5	Falkland Road junction Lamington Road ...	D
6	Victoria Road junction Reay Road ...	E
7	Reay Road junction Gunpowder Road ...	E
8	Cannaught Road junction Ghorupdeo Road ...	E
9	Narielwadi off Mount Road ...	E
10	Sion Causeway junction Duncan Causeway ...	F
11	Katrak Road junction Lady Jehangir Road ...	F
12	Vincent Road junction Naigaum Cross Road ...	F
13	Parel Tank Road junction Kalachowki ...	F
14	Portuguese Church junction Lady Jamshedji Road...	G
15	Kashinath Dhuru Road junction Portuguese Church Street	G
16	Worli Road junction Fergusson Road ...	G
17	Arthur Road junction DeLisle Road ...	G

III.—Drinking Fountains with Cattle Troughs.

Serial No.	Location.	Ward.
1	Mahatma Gandhi Road junction Hospital Lane ...	A
2	Carnac Road junction Frere Road ...	A
3	Mint Road junction Frere Road ...	A
4	Palton Road junction Hornby Road ...	A
5	Fort Street junction Mint Road ...	A
6	Elphinstone Circle ...	A
7	Dongri Street junction Chinchbunder Road (Keshaoji Naik).	B
8	Pydhownie junction Kolsa Street ...	B
9	Argyle Road junction Carnac Road ...	B
10	Malet Bunder junction Frere Road ...	B
11	Argyle Road junction Kalyan Street ...	B
12	Girgaum Road junction Dr. Viegas Street ...	C
13	Bhuleshwar Street Kabutarkhana ...	C
14	Kalbadevi Road junction Princess Street ...	C
15	Shaikh Memon Street ...	C
16	Grant Road junction Duncan Road ...	C
17	Cowasji Patel Street junction C. P. Tank ...	C
18	Clerk Road ...	D
19	Grant Road junction Lamington Road ...	D
20	Babulnath Band Stand ...	D
21	Walkeshwar Road ...	D
22	Victoria Garden Road opposite Victoria Gardens ...	E
23	Sion Road junction Road No. 8. ...	F
24	Vincent Road junction Matunga Road ...	F
25	Tilak Road junction Naigaum Road ...	F
26	Poibavdi (Dadar Road junction Elphinstone Road) ...	F
27	Parel Tank opposite Birla Mills ...	F
28	Parel Govt. Gate Road junction Chamberbaug ...	F
29	Jijibhai Lane opposite Suparibaug Road ...	F
30	Tokarsi Jivraj Road ...	F
31	Sewri Cross Road near Maruti Temple ...	F
32	Jakaria Bunder Road, Sewri ...	F
33	Gokhale Road junction Bhavanishankar Road ...	G
34	Lady Jamshedji Road junction Mia Mahomed Chhotani Road.	G
35	Cadell Road junction Sayani Road ...	G
36	Fergusson Road near Dawn Mill ...	G
37	Love Grove Road junction Hornby Vellard ...	G

IV.—Stand Pipes.

Serial No.	Location.	Ward.
1	Bazargate Street opposite Police Chowky ...	A
2	Dongri Street junction Sandhurst Road ...	B
3	1st Chinchbunder Road opposite House No. 23 ...	B
4	Elphinstone Bridge junction Clive Road ...	B
5	Argyle Road junction Masjid Bridge ...	B
6	Erskine Road near Police Chowky ...	C
7	Harvey Road junction Gowalia Tank ...	D
8	Mugbhat Street ...	D
9	Banganga Street opposite House No. 51 ...	D
10	Banganga Street opposite House No. 91 ...	D
11	Victoria Road junction Reay Road ...	E
12	Connaught Cross Lane junction Reay Road ...	E
13	Parel Tank junction Kalachowky ...	F
14	Sion Koliwada junction Road No. 8 ...	F
15	Sewri Bazar Road (Dhakti Sewree) ...	F
16	Sion-Dharavi Road near Road No. 1 ...	F
17	Sewree-Koliwada near Sewree Bazar ...	F
18	Sewree-Koliwada near Sewree Bazar ...	F

APPENDIX 'I'—*contd.*

Serial No.	Location.	Ward.
19	Sewri Cross Road ...	F
20	Parel Back Road opposite Veterinary College ...	F
21	Dadar Road junction Naigaum Cross Road ...	F
22	Parel Village near well ...	F
23	Naigaum Road junction Naigaum Cross Road ...	F
24	Parel Tank behind Haffkine Institute ...	F
23	Naigaum Road junction Naigaum Cross Road ...	F
24	Parel Tank behind Haffkine Institute ...	F
25	Wadala Village ...	F
26	Parel Tank Road junction Kalachowky ...	F
27	Portuguese Church junction Lady Jamshedji Road	G
28	Kashinath Dhuru junction Portuguese Church ...	G
29	Worli Road junction Fergusson Road ...	G
30 to 47	Worli-Koliwada ...	G
48	Kandewadi near Nariman's Bungalow ...	G
49	Morba's Wadi, Kandewadi Worli ...	G
50	Cadell Road junction old Parbhadevi ...	G
51	Chowni Gully new Parbhadevi Road ...	G
52	Kashinath Dhuru Road Sea Face ...	G
53	Mahim Fort ...	G
54	Mori Road ...	G
55	Mia Mahomed Chhotani Road Cross Lane ...	G
56	Dharavi Road opposite Masjid ...	G
56	Dharavi Road opposite Masjid ...	G
57 to 60	Dharavi-Koliwada ...	G

V.—Dipping Wells.

Serial No.	Location.	Ward.
1	Shankar Pupala Road junction 14 Kamathipura ...	E
2	Manaji Rajuji Road junction 4th Kamathipura ...	E

APPENDIX 'J' (Paragraph 47).

Municipal Wells.

Serial No.	Location.	Ward.
1	Elphinstone Circle Garden ...	A
2	Cawasji Patel Street opposite House No. 103 ...	A
3	Mint Back Road opposite House No. 46 ...	A
4	Mayo Road in High Court Compound ...	A
5	Cross Maidan opposite Bombay Gymkhana ...	A
6	Cross Maidan opposite Bombay Gymkhana ...	A
7	Cross Maidan North end junction Hospital Lane ...	A
8	Cruickshank Road opposite Municipal Office ...	A
9	Junction of Mayo Road and Churchgate Street ...	A
10	Cruickshank Road opposite Municipal Office ...	A
11	Fort Street junction Mint Road ...	A
12	3rd Marine Street opposite House Nos. 41 and 43...	C
13	Karelwadi opposite House Nos. 41 and 43 ...	C
14	Mazagaon Road (Ganga Bawdi) ...	E
15	Matarpakhadi Oart ...	E
16	Dockyard Road junction Reay Road ...	E
17	Parel Village at South-West corner of Parel Tank ...	F
18	Worli-Koliwada East of Worli Tank (Two Tanks)...	G

APPENDIX "K" (Paragraph 53).

Statement of Defects found on Mains and Service Pipes during the year 1943-44.

Month.	No. of diagrams taken.	Total leakage discovered and arrested in gallons per hour.	DEFECTS																				Remarks.
			Under Ground									Above Ground											
			Mains		Sluice Valves.	Hydrants	Service Pipes.	Stop Taps.	Disconnected service pipes		Miscellaneous Holes in Mains, etc.	Bib Taps			Service Pipes		Ball Valves and Tanks			Stop Taps leaking.	Meter Coupling Flanges, Holes etc.	Miscellaneous.	
			Bursts.	Joints.					Ferrule leak.	Pipe leak.		Re-washered	Out of order.	Left open.	Leaking.	Without Tap.	Ball Valves out of order.	Tanks without Ball Valves	Tanks leaking.				
1943—																							
April ...	93	171,636	1	4	55	312	201	52	1	...	...	224	121	...	62	24	87	61	96	8	...	...	
May ...	95	183,177	2	9	49	145	127	54	1	...	...	262	102	...	53	9	46	56	61	4	...	...	
June ...	93	151,432	1	3	74	233	169	80	4	...	...	281	143	...	64	13	29	41	52	11	...	...	
July ...	96	189,175	2	6	87	222	159	47	1	...	...	347	155	...	47	14	29	109	84	25	...	...	
August ...	96	248,062	2	17	120	348	220	73	1	...	...	334	151	...	78	35	73	48	136	14	16	...	
September ...	92	214,520	...	11	102	233	173	86	2	...	...	279	146	...	98	29	53	108	65	18	12	...	
October ...	84	156,071	...	6	60	228	133	88	2	...	...	258	112	...	63	16	50	96	58	26	...	...	
November ...	96	185,425	...	9	94	315	166	111	3	...	1	306	121	...	76	19	124	98	90	15	...	...	
December ...	89	228,188	6	10	73	191	86	37	...	...	...	222	137	...	81	8	61	100	84	16	...	...	
1944—																							
January ...	89	207,028	1	9	115	292	115	65	1	...	...	222	171	...	72	11	96	108	66	5	...	...	
February ...	71	269,939	2	12	68	252	119	65	1	...	3	206	108	...	98	12	80	244	79	3	5	...	
March ...	62	238,288	1	13	114	328	142	53	...	1	...	223	169	...	121	25	114	121	70	10	...	...	
Total ...	1,056	24,42,941	18	109	1011	3,099	1,810	811	17	1	4	3,164	1636	...	913	215	842	1188	941	155	33	...	
Grand Total ...	1,056	24,42,941	6,880									31,64	5,923										

APPENDIX 'L'—(Paragraph 56)

Statement showing the Plant and Machinery in the Water Works Maintenance Yard, DeLisle Road.

Serial No.	Description.	Serial No.	Description.
1	1 No.—Hydraulic Testing Machine for testing galvanised and brass fittings.	22	2 Nos.—Oxy-Acetylene Plant (welding and cutting) and oxy-pet plant complete with generator unit.
2	3 Nos.—Hydraulic Testing machines for testing C. I. pipes from 3" to 30" diameter and upto 18′ in length.	23	1 No.—'Novo' small portable air compressor unit with spray-painting outfit.
3	1 No.—Hydraulic Testing machine for testing special catsings.	24	1 No.—Portable air compressor plant, capacity 160 c.ft. per minute; working air pressure 100 lbs. per sq. inch.
4	2 Nos.—6" Portable centrifugal pumping set, capacity 500 G.P.M. and 2,000 G.P.M. respectively.	25	1 No.—Threading machine, hand driven for threading pipes and bolts.
5	6 Nos.—4" portable double diaphragm domestic petrol pumping set; capacity 200 G. P. M. each.	26	1 No.—Power driven—two stone grinding machines.
6	2 Nos.—6" Fordson's Portable Pumping units; self-priming, self-propelled, capacity 700 and 1,000 G.P.M.	27	1 No.—Hydraulic jack complete with truck 1 ton.
7	1 No.—6" Steam pump, vertical cross tube boiler, complete with two testing pumps, accessories, etc., capacity 900 G.P.M.	28	1 No.—Cement gun (with accessories).
8	1 No.—Old Fire engine pumping unit.	29	1 No.—Talbot pipe tapping machine.
9	1 No.—Portable Drilling machine hand-driven.	30	1 No.—Hand tapping machine with equipments.
10	1 No.—Drilling machine hand and power driven for small articles.	31	1 No.—Lead melting furnace.
11	1 No.—Portable electric drilling machine 3/4 H.P.	32	4 Nos.—Meter testing C. I. and M. S. tanks—Capacity 100 gallons to 550 gallons.
12	2 Nos.—7" and 9" Lathes Turner's Power driven.	33	1 No.—10 B.H.P. Electric Motor for machine shop drive (complete with accessories).
13	1 No.—Lathe carpenter's foot driven.	34	1 No.—Electric blower unit (driven) by 2 B.H.P. motor complete with accessories).
14	1 No.—Hand driven watch—makers lathe.	35	3 Nos.—Blower hand units 9" and 16".
15	1 No.—Portable crane 1 ton.	36	1 No.—Rain Gauge.
16	1 No.—Shaping Machine.	37	1 No.—Mechanical Hoist, capacity 3 tons.
17	8 Nos.—Pipe cutting machines range 4" to 48".	38	2 Nos.—Cement testing machines.
18	1 No.—Portable chlorinating unit capacity one lb. per hour	39	1 No.—Pressure gauge testing machine.
19	2 Nos.—Concrete mixers, capacity 5 c.ft. and 10 c.ft.	40	2 Nos.—Weighing machines with lplatform.
20	1 No.—Tyre inflator unit 1/2 H.P. (electrically driven)	41	2 Nos.—Small tools such as ratchet dies, die socks, pipe cutters, spanners, tongs, chisels, wrenches, etc.
21	1 No.—'Liner' Portable Roller Pan Mixer Unit.	42	2 Nos.—'Presto' Lawn Mowers 12".

Total No. of Plant and Machinery is 70.

APPENDIX 'M'—(Paragraph 56)

Statement showing the Plant and Machinery, Outside the Water Works, Maintenance Yard, DeLisle Road

Serial No.	Description.	Serial No.	Description.
1	1 No.—Portable Chlorinating Unit, capacity 8 lbs. per hour	5	1 No.—Air operated Level Indicating and Recording instrument at Malabar Hill Reservoir.
2	16 Nos.—Electrically operated Sluice Valves at Malabar Hill Reservoir and Bhandar wada Hill Reservoir.	6	4 Nos.—Pumping units at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.
3	11 Nos.—Lawn mowers at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	7	1 No.—Drilling Machine power driven out of commission at Souter Street.
4	5 Nos.—Electrically operated Level Indicating and Recording instruments at Malabar Hill Reservoir and Bhandarwada Hill Reservoir.	8	1 No.—Shearing and punching machine for cutting and punching W.I. plates, etc., out of commission at Souter Srtee

Total No. of Plant and Machinery is 40.

APPENDIX 'N'—(Paragraph 58)

Bursts during 1943-44.

Serial No.	Description.	Date	Serial No.		Date.
(1)	36" New Tansa Inlet Main, at Mount Road ...	24-4-1943	(10)	3" Main at Bandra Slaughter House ...	7-12-1943
(2)	5" Main in Sleater Road	26-5-1943	(11)	3" Main at Bandra Slaughter House ...	13-12-1943
(3)	3" Main in DeLisle Road	31-5-1943	(12)	4" Main in DeLisle Road	14-12-1943
(4)	4" Main at Bandra Slaughter House ...	1-6-1943	(13)	3" Main at Bandra Slaughter House ...	16-12-1943
(5)	4" Main in DeLisle Road	6-7-1943	(14)	9" Main at Exchange Avenue ...	25-12-1943
(6)	5" Main in Harischandra Goregaokar Road ...	19-7-1943	(15)	3" Main in Arthur Road	5-1-1944
(7)	3" Main in Warden Road	20-8-1943	(16)	6" Main in Victoria Gardens Road ...	10-2-1944
(8)	9" Main in Bellasis Road	23-81-43	(17)	9" Main in Hornby Vellard Road ...	11-2-1944
(9)	3" Main in Curry Road	7-12-1943	(18)	4" Main in Cochin Street	22-3-1944

APPENDIX 'O'—(Paragraph 60)

List of structures repaired and maintained.

Serial No.	Description.	Serial No.	Description.
1	7 Office Buildings at (1) Mint Road (including Inspector's quarters); (2) Babula Tank Road (including Asstt., Engineer's (Distribution) quarters; (3) Souter Street (including two Inspectors' quarters); (4) Gowalia Tank Road; (5) Soparibaug Road (including one Inspector's quarters); and (6) and (7) Two Nos. at DeLisle Road (including one Inspector's quarters).	4	Watchmen's quarters on the Slope Garden at Malabar Hill Reservoir (3 Units).
	7 Sluicemen and Chaviwallas' quarters at (1) Mint Road (4 Units); (2) Babula Tank Road (12 Units); (3) Gowalia Tank Road (12 Units); (4) Souter Street (17 Units); (5) Soparibaug Road (5 Units); (6) DeLisle Road (5 Units); and (7) Futka Tank (3 Units).	5	Workmen's Chawl at DeLisle Road (44 Units).
3	Sluice men, Malies and Park-keepers' quarters at Malabar Hill Reservoir and Bhandar wada Hill Reservoir (15 and 20 units, respectively).	6	Servants quarters at Malabar Hill Reservoir.
		7	Nursery at Malabar Hill Reservoi .
		8	Reservoir Bungalow at Malabar Hill Reservoir.
		9	Tower Bungalow at Malabar Hill Reservoir.
		10	2 Nos.—Staff quarters opposite Control Room at Malabar Hill Reservoir.
		11	Inspector's quarters at DeLisle Road.
		12	Workshop at DeLisle Road (5 structures).
		13	Two Control Rooms at Bhandarwada Hill Reservoir.
		14	Two Sluice Houses at Bhoiwada and Sion.
		15	Pumping House at Government Gate Road.
		16	One Control Room at Malabar Hill Reservoir.

APPENDIX 'P'—(Paragraph 63)

List of Articles tested during the year 1943-44.

Names of Articles.	Outside parties works.	Municipal works.	Total.
Bib cocks gunmetal, push, pillar and shower	211	533	744
Stop cocks and wheel valves	365	1,908	2,273
Ball cocks ...	31	951	982
Ferrules	125	420	545
Pipes galvanised	4,219	...	4,219
Fittings galvanised	14,000	39,485	53,485
Pipes C.I.	1,266	...	1,266
Special castings	759	4,700	5,459
Hydrants S.P.	26	78	104
Do. N.P.	33	...	33
Do. O.P.	20	...	20
Water-closet cisterns with and without ball valves ...	1,077	...	1,077
Total ...	22,132	48,075	70,207

APPENDIX 'Q'—(Paragraph 68)

List of Major Works carried out by the Maintenance Branch.

Description of work.	Budget Head.	Expenditure during the year.	Remarks.
		Rs.	
(1) Repairs and Reconditioning of labour chawls at DeLisle Road.	II.—Water Works B.—Repairs and Maintenance, II.—Extra-ordinary.	1,580	Work completed.
(2) Re-roofing the sheds of Carpenters, Painters, Smiths and Meter Shops and Water Works Workshop at DeLisle Road.	Do.	2,279	Work nearly completed.
(3) Repairs to Sluice Valve Chambers at Arthur Road and making it water-proof by guniting.	Do.	3,320	Work in progress.
(4) Construction of retain-wall along the slopes of the Hanging Gardens at the Malabar Hill Reservoir.	II.—Water Works, D.-Miscellaneous XI.—Maintenance of Reservoir Gardens, Hanging Hughes Road and Chowpatty Gardens.	Expenditure included in para. 48	Work completed
(5) Providing a 12" cross-connection from the 24: Tulsi main and the 57" East and West mains at DeLisle Road.	Materials for General Repairs and Works in Bombay.	1,000	Work completed.
(6) Providing a scour valve on the 24" main in Frere Road complete with scour valve chamber and drainage arrangement.	Do.	3,400	Work completed.

APPENDIX 'R'—(Paragraph 70)

Serial No.	Particulars.	Ward.	Work done.		Expenditure booked during 1943-44.
					Rs.
	I.—Pipe laying Works.				
	(4")				
1	Connecting the 4" Bandra Slaughter House main to 24: Tulsi main.	Outside City.	24"×4" connection ... 4" main ... 3" main ...	1 No. 490 ft. 15 ft.	3,837
	(5")				
1	Providing water mains with hydrants, etc., in the lay-out of roads in Scheme No. 57, Sewri-Wadala—	F			9,226
	Road No. 1-A. ...		5" main ... S.P. hydrants ...	50 ft. 2 Nos.	
	Road No. 14-A. ...		5" main ... S.P. hydrants ...	402 ft. 1 No.	
	Road No. 7. ...		9" main ... 3" main ...	130 ft. 77 ft.	
3	Laying 5" main in Ganeshwadi 1st Lane and enlarging and extending 3" main in Ganeshwadi 2nd Lane and connecting it with the proposed main in Ganeshwadi 1st Lane.	C	5" main ... 3" main ... S.P. hydrants ...	20 ft. 34 ft. 3 Nos.	1,671
4	Enlarging the existing 3" and 4" water mains in Parel Chawl to 5".	E	3" main ... S.P. hydrants ...	25 ft. 3 Nos.	431
5	Extending the 5" main in Falkland Road Low Level (North) to meet the 9" main in Sleater Road.	D	Brackets in the Railway limit provided to support the pipes.	...	16
6	Enlarging and extending 4" main in Belvedere Road Mazagaon to 5".	C	5" main ... 3" main ... S.P. hydrants ...	616 ft. 19 ft. 5 Nos.	7,674
7	Providing 5" main in Laburnum Road ...	D	12"×5" connection ... 5" main ...	... 14 ft.	2,281

APPENDIX 'R'—(Paragraph 70.)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.		Expenditure booked during 1943-44.
8	Providing water mains in 40" Road in Worli Estate Scheme No. 58.	G	5" main ... 3 main ... S.P. hydrants ...	428 ft. 30 ft. 3 Nos.	3,574
9	Providing 5" main in Cumbala Road ...	D	5" main ... 3" main ... S.P. hydrants ...	376 ft. 24 ft. 3 Nos.	3,606
10	Providing 5" main in Dockyard Road ...	E	5" main ... S.P. hydrants ...	210 ft. 1 No.	2,843
11	Providing 5" water main in Reay Road between Gunpowder Road and Dockyard Road and in the two bye-lanes	E	5" main ... 3" main ... S.P. hydrants ...	946 ft. 18 ft. 5 Nos.	6,597
12	Enlarging the 3" water main in Peerkhan 1st Lane to 5"	E	5" main ...	295 ft.	1,817
13	Providing water mains in Northbrooks Street ...	C	5" main ... S.P. hydrants ...	310 ft. 2 Nos.	2,165
14	Improving water supply in Stable Street, Kamathipura ...	C	5" main ... 3" main ... S.P. hydrants. ...	920 ft. 50 ft. 30 Nos.	4,707
	(6")				
15	Laying further water mains in some of the roads in Mahim District.	G	6"×6" connection ... 6" Main.	 75 ft.	639
16	Providing mains in Road Nos. 1, 2, 8, 27, 27A and 29, Sion Scheme No. 6.—	F			13,960
	Road Nos. 1, 2, and 27		6" main ... ... 3" main ... ... S. P. hydrants	967 ft. 74 ft. 5 Nos.	
	Road No. 8		15" main ... ... 3" main ... ... S.P. hydrants	251 ft. 11 ft. 3 Nos.	
	Road No. 27A		5" main	39 ft.	
	Road No. 29		9" main	121 ft.	
17	Providing 6" main in Road Nos. 13A, 13B, and 13C, Naigaum Scheme No. 60.	F	6" main	147 ft.	813
18	Laying 6" main in Worli Sonapur Lane	G	6" main ... ... 6" main ... ... 3" main ... S.P. hydrant ... ... N.P. hydrants	327 ft. 119 ft. (diverted) 34 ft. 1 No. 2 Nos.	1,661
19	Providing 6" water main in Sitafalwadi off Mount Road and 5" main in Bye-lanes of Victoria Road.	E	6" main ... ... 3" main ... ... S.P. hydrants	237 ft. 27 ft. 2 Nos.	1,535
20	Enlarging the existing 3" and 4" water mains in Mahim Kapadbazar Road from Cadell Road to Mahim Bazar Cross Road to 6".	G	6" main ... ... 3" main ... ... S.P. hydrant	273 ft. 16 ft. 1 No.	2,502
21	Enlarging the existing 3" main in Arthur Road to 5" and extending the existing 6" main in Arthur Road to B. B. & C. I. Railway lines.	E	5" main ... ... 3" main ... ... S.P. hydrants.	2,008 ft. 106 ft. 5 Nos.	124
22	Laying water mains in Sion Scheme No. 6 ... Road Nos. 3, 6 and 25	F	6" main ... ... 3" main ... ... S.P. hydrant	630 ft. 18 ft. 1 No.	2,712
	Road No. 5		5" main	27 ft.	
23	Enlarging the existing 3" and 4" water mains in King's Lane and 4" main in Gola and Jivanji Lane.	A	6" main ... ... S.P. hydrant ...	180 ft. 1 No.	1,941
24	Enlarging and extending 4" main in Curry Road, Low Level.	G	6" main ... ... 3" main ... ... S.P. hydrants ...	1,501 ft. 50 ft. 9 Nos.	14,686
25	Enlarging the 3" main in Tad Wadi to 6" and extending the same.	C	6" main ... ... S.P. hydrants	212 ft. 2 Nos.	4,141
26	Enlarging and extending the existing 3" and 4" water mains in Musjid Bunder Road from Jakeria Musjid Street to Narsi Natha Street to 6".	B	6" main	158 ft.	6,674
27	Laying a water main in Kamathipura 12th Lane ...	D	5" main	135 ft.	1,235
28	Enlarging and extending the 3" amain in Tamarind Lane and enlarging the 3" main in Meadows Street.	A	6" main ... ... 3" main ... ... S.P. hydrants	487 ft. 54 ft. 4 Nos.	5,737

APPENDIX 'R'—(Paragraph 70.)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.		Expenditure booked during 1943-44.
29	Enlarging and extending the 3" main in Ghoga Street to 4" main in Parsi Bazaar Street and enlarging the 3" main in Store Lane.	A	6" main ... ... 3" main ... ... S.P. hydrants.	553 ft. 57 ft. 5 Nos.	5,966
30	Enlarging the 4" main in Hornby Road East foot-path from Gunbow Street to Ghoga Street.	A	6" main	428 ft.	6,708
31	Enlarging and extending the 3" main in Chamar Lane off Parel Road.	E	6" main ... ... S.P. hydrants ...	556 ft. 3 Nos.	5,206
32	Enlarging and extending the 4" main in Ulster Street ...	E	6" main ... ... 3" main ... ... S.P. hydrants	620 ft. 48 ft. 4 Nos.	4,995
33	Providing a water main in Pan Gulli ...	D	6" main ... ... 3" main ... ... S.P. hydrant	227 ft. 4 ft. 1 No.	1,962
34	Providing a water main in Alexandra Road ...	D	6" main ... ... 3" main ... ... S.P. hydrants	270 ft. 24 ft. 3 Nos.	3,021
35	Laying a 6" water main in King Edward Road between Dadar Road and Hospital Avenue.	F	6"×6" connection ... 6" main ... ... 3" main	 504 ft. 3 ft.	2,693
36	Enlarging the 4" main in Peerkhan 3rd Lane ...	E	6" main ... ... 3" main ... ... S.P. hydrants	335 ft. 18 ft. 3 Nos.	2,968
37	Laying a water main in Bhai Jiwanji Lane ...	C	6" main	352 ft.	3,869
38	Enlarging and extending the existing 3" main in Sindhi Lane to 6".	C	6" main	391 ft.	2,220
39	Laying 6" main in Shankar Bari Lane ...	C	6" main ... ... N.P. hydrant	380 ft. 1 No.	3,000
40	Providing 6" water main in Nardulla Tank Road ...	G	6" main ... ... 3" main ... ... S.P. hydrants	207 ft. 4 ft. 1 No.	2,035
41	Enlarging the 4" main in Mangesh Senoy Street of Hornby Road.	A	6" main	193 ft.	2,550
42	Providing water mains in roads Nos. 8, 8A and 9 of Naigaum Scheme No. 60.	F	6" main ... ... 3" main ... ... S.P. hydrants ...	358 ft. 24 ft. 2 Nos.	3,459
43	Enlarging the 4" main in Kumbharwada Cross Lane to 6"	B	6" main ... ... 3" main ... ... S.P. hydrants	136 ft. 7 ft. 2 Nos.	3,592
44	Laying a 6" water main in Road No. 56, Dadar-Matunga Estate.	F	6" main ... ... 3" main ... ... S.P. hydrants	210 ft. 25 ft. 2 Nos.	2,611
45	Laying water main in New Bengalpura Street ...	D	6" main ... ... 3" main ... ... S.P. hydrants	233 ft. 3 ft. 2 Nos.	3,561
46	Enlarging and extending the water main in Mastan Tank Road.	D	6" main ... ... 3" main ... ... S.P. hydrants	459 ft. 14 ft. 3 Nos.	4,144
47	Providing a 6" main in Wallace Street	A	6" main ... ... 3" main ... ... S.P. hydrants	469 ft. 42 ft. 2 Nos.	4,990
48	Laying 6" water mains in Road No. 11A and 18 (part) and replacing the existing 4" mains in Road Nos. 11, 17 and 18 (part) in Dadar-Matunga Estate, Scheme No. 5.	F	6" main ... ... 3" main ... ... S.P. hydrants	463 ft. 58 ft. 4 Nos.	5,013
49	Enlarging and extending the 4" water main in Gas Works Lane off Parel Road.	F	6" main ... ... S.P. hydrants	1469 ft. 6 Nos.	15,911
50	(9") Enlarging the 5" water main in Carmichael Road to 9" and extending it to connect the same with 6" main in Altamount Road.	D	9" main ... ... N. P. hydrants	660 ft. 3 Nos.	12,312
51	Provoding an additional 9" water mains in Bhawani Shankar Road.	G	9" main ... ... S.P. hydrants ...	201 ft. 4 Nos.	4,619
52	Enlarging the 5" and 3" water mains in Lamingtn Road and enlarging the 3" main in Topiwalla Lane and Tara Temple Lane.	D	9" main ... ... 6" main ... ... 5" main ... ... 3" main ... ... N.P. hydrants	914 ft. 115 ft. 40 ft. 188 ft. 2 Nos.	14,411

APPENDIX 'R'—(Paragraph 70.)—*Contd.*

Serial No.	Particulars.	Ward.	Work done.		Expenditure booked during 1943-44.
53	Provoing a 9" water main in Foreshore Road, Back-Bay Reclamation Area.	A	9" main ... ... S.P. hydrants ... N.P. hydrant	1,872 ft. 2 Nos. 1 No.	15,717
54	Enlarging the 4" main in Shaikh Buran Kamoddin Street.	E	9" main ... ... S.P. hydrants	709 ft. 5 Nos.	8,622
55	Enlarging the 4" water main in Narayan Dhuru Street to 9".	B	9" main	407 ft.	5,672
56	Enlarging the existing 4" main in Cruickshank Road to 9".	A	9" main ... ... S.P. hydrants	638 ft. 4 Nos.	9,667
57	Enlarging the existing 4" main in Abdul Rehman Street.	B	9" main ... ... 3" main ... ... S.P. hydrant	488 ft. 6 ft. 1 No.	8,433
58	Enlarging the 5" main ir zaoba's Oart.	C	9" main ... ... S.P. hydrants ...	389 ft. 4 Nos.	4,081
59	Replacing the existing 5" main in Israel Moholla by 9" and providing a 5" main in Israel Moholla Cross Lane.	B	9" main ... ... 5" main	309 ft. 193 ft.	4,758
	(12")				
60	Providing 12" main in Vithalbhai Patel Road from Charni Road to Cawasji Patel Tank Road.	D	Nil.		2,452
61	Enlarging the existing 6" main in Girgaum Road to 12" from Thakurdwar to Charni Road.	C	12" main ... ... 24"×12" connection. N.P. hydrant ...	321 ft. 1 No.	5,745
62	Providing a 12" main along the Western Slope of Malabar Hill from Malabar Hill Reservoir to Napean Sea Road.	D	12" main ... ... 3" main ... ... S.P. hydrants	742 ft. 59 ft. 2 Nos.	3,809
	(18")				
63	Extending 18" main in King Edward Road from Haffkin's Institute upto the junction of Sewri New Road.	F	18" main ... ... S.P. hydrant	132 ft. 1 No.	7,593
	(24")				
64	Laying a 24" main in Worli Road in continuation of 24" main in Haines Road.	G	24" main	154 ft.	12,332
65	Construction of 1¼ million gallons capacity reinforced gunite elevated tank at Bhandarwada.	E	24" main ... ... 15 "main ... ... 14" and 12" main ... 24" Sluice valves ... 24" Electrically operated sluice valve ...	358 ft. 18 ft. 29 ft. 4 Nos. 1 No.	27,248
	(30")				
66	Providing a 30" trunk main from the end of Block No. 1 along Marine Street and 120' road opposite Band Stand with a cross-connection to existing main near Willington Fountain.	A	Disturbed portion of the slope is being reinstated.		34,80
	(36")				
67	Providing additional inlets and outlets at Malabar Hill Reservoir.	D	36" main	432 ft.	46,572
	(I.) Total Rs. ...				3,96,802
	Other Works.				
68	Conversion gradually of an adequate No. of underground hydrants out of the existing 4,849 underground hydrants into stand-post hydrants to prevent pollution of the water supply of the City.	...	3" main S.P. hydrants	145 ft. 15 Nos.	3,700
69	Providing outlet mains for Bhandarwada Hill Reservoir.	E	12" Cross connection between 14" Mazagaon and 24" outlet and 12" Cross connection between 14" Mazagaon and 24" inlet. Removal of 12" sluice valve from 12" between 14" Mazagaon and 24" Dongri outlet.		173
70	Providing additional hydrants on 24" Tulsi main from Mori Road to Haines Road.	G	S.P. hydrants ... ... N.P. hydrants	10 Nos. 2 Nos.	5,405
71	Treating further portion of 57" steel mains in Sleater Road from Nana's Chowk to Falkland Road with reinforced gunite.	D	57" main	480 Running ft. (Single Line).	45,595

APPENDIX 'R'—(Paragraph 70) *Contd.*

Serial No.	Particulars.	Ward.	Work done.		Expenditure booked during 1943-44
72	Measures for preventing bursts on trunk mains inside the City.	F	Replacement of 48" sluice valve on New Tansa Main ... 12" main ... ... 9" main ... ... Construction of chambers and connecting 9" scour valve on New Tansa Mains ...	1 No. 64 Running ft. 12 ,, 2 Nos.	5,224
73	Providing hydrants in roads where there are no hydrants or where additional hydrants are necessary.		3" main ... ... S.P. hydrants	25 ft. 3 Nos.	2,681
74	Re-constructing the two portions of trolley track along the 48" Vehar main.	Outside City.	Gunway bridge near Vehar Tunnel constructed Length.	130 ft	3,833
75	Gunite and cementation work of the dam and the provision of a trolley track along its toe at Tansa.	Do.	Upstream face of the dam treated ... ... 2'-6" gauge trolley track laid with embankment ... No. of Bridges constructed ...	23,000 sq.ft. 2,400 R.ft. 4 Nos.	29,262
76	Repairing and extending the trolley track in various syphons of the Duct line outside Bombay.	Do.	Ghatkopar Syphon ...	1,700 R.ft.	12,885
77	Providing concrete blocks under steel mains Outside City at places where they are badly corroded.	Outside City.	Under twin 57" mains. Under twin 72" mains.		10,314
78	Providing 24" cross connection between trunk mains outside City.	Do.			5,057
79	Strengthening the spans No. 6 and No. 7 of the Old Kasheli Bridge with incidental works.	Do.			1,37,030
	(*a*) Provoding 24" bye-pass at Kasheli Anchor Block. (*b*) 24" cross connection South of Kapurbavdi Anchor Block. (c) Providing trolley track on span Nos. 6 and 7. ...		200' span erected on banks and towed to site of bridge and fixed in position. 50" steel mains ... ... 24" main ... ... No. of saddle pieces fixed ... 2'-6" gauge trolley track laid.	 400 R.ft. 90 R.ft. 2 Nos. 200 ft.	
80	Cleaning the Vehar Lake	Do.	Excavation ... ... Rubble stone pitching ... Cement concrete work ...	20,000 c.ft. 2500, s.ft. 200 c.ft.	2,440
81	Removing the embeded portions of the 32" Vehar main and the 48" Old and New Tansa mains over the Swing Bridge at Kurla and relaying the same over the existing piers of the Bridge.	Do.	(1) Excavation in creek including pumping of water and forming Coffer dam ... (2) 1, 3 : 6 cement concrete (reinforced). ... (3) Rubble masonry ... (4) Rubble stone pitching ... (5) Earth filling ... (6) Shifting and relaying trolley track	6,800 c.ft. 2,200 c.ft. 3,000 c.ft. 500 sq. ft. 15,000 c.ft. 250 R.ft.	12,927
82	Acquisition of Khardi Village.	Do.	...	...	61
83	Widening and raising the embankment, Providing a Trolley track and laying new 57" main wherever necessary in Bandra Creek.				31,810
84	Augmentation of City's Water Supply	Outside	A report under consideration with Works Committee.		1,560
85	Extending the existing Anchor Block and providing additional one in outside City Division at Bandra and Sahar.	Outside City.	R.C.C. walling ... ... 1 : 3 : 6 Cement Concrete ...	810 sq. ft. 3,020 c.ft.	3,697
	(II)—Other Works—Total Rs. ...				3,13,654
	Total of (I) and (II) ...				7,10,456
	Works carried out on behalf of other bodies.				
86	Improving water supply to H.M.I. Dockyard ...	A	18"×6" connection. 18" sluice valve ... ... 6" main ... ... S.P. hydrants	 1 No. 3,628 R.ft. 3No.s	31,534
87	Diverting 18" and 6" mains in King Edward Road (for City Engineer's Department).	F	18" main ... ... 6" main ... ... N.P. hydrant removed and refixed	281 R.ft. 367 R.ft. 2 Nos.	6,421
88	Enlarging 3" main in Agripada Chawl to 6" (for City City Engineer's Department).	E	6" main ... ... 5" main ... ... S.P. hydrants	518 R.ft. 14 R.ft. 2 Nos.	6,641
	Total Rs. ...				44596

APPENDIX 'S' (Paragraph 71).

New Works

Serial No.	Particulars.	Amount booked during 1943-44	Remarks.	Serial No.	Particulars.	Amount booked during 1943-44	Remarks.
						Rs.	
1	Providing 2 Units quarters for the Head mali at Sir Pherozshah Mehta Garden.	1,828	Work completed.	6	Providing a 24" Sluice Valve on the 24" Tulsi Main at Elphinstone Road and Dadar Road.	4,894	Work in progress.
2	Providing Level Crossing at Kurla Mankhurd Branch Railway.	2,669	Do.	7	Providing Water Closet and Nahani at Souter Street.	1,365	Work completed
3	Mounting of Survey Sheets ...	...	Do.	8	Providing gymnasium apparatus for children's playground at Joseph Baptista Garden.	1,910	Do.
4	Providing a 24" Cross-connections between 48" Vehar and 72" Tansa Main at Powai.	...	Do.	9	Providing housing accommodation for LabourStaff in E Ward.	313	Work in progress.
5	Construction of proper masonry culverts at Mile 1/6 in Jamboli Division.	6,091	Do.				

APPENDIX 'T' (Paragraph 95 (e))

Statement showing materials, plant etc. received during the year 1943-44.

Serial No.	Name of the Article.	No. received.
1	Pumping Unit	1
2	Cycles	50
3	Fire Fighting Equipment	18 Units.
4	C.I. collars of different sizes ...	135
5	C.I. Pipes of different sizes ...	207
6	Sluice Valves of different sizes ...	163

APENDEX 'U' (Paragraph 96)

HYDRAULIC ENGINEER.

- Senior Asstt. Engineer. (1st Grade).
  - **A. E. Maintenance.** (2nd Grade). *Permanent.*
    - *Permanent.*
      - 6 Inspectors.
      - 1 Inspector (Electric)
      - 9 Sub-Overseers.
      - 2 Gauge Repairers.
      - 3 Clerks.
      - 1 T. A.
    - *Temporary.*
      - 1 Inspector.
      - 2 Sub-Overseers.
      - 1 Store Clerk.
      - 2 T. A. (A.R.P.)
  - **A. E. Construction.** (2nd Grade). *Temporary.*
    - *Temporary.*
      - 2 Inspectors.
      - 3 Sub-Overseers.
  - **A. E. A. R. P.** (2nd Grade). *Temporary.*
    - *Temporary.*
      - 1 Inspector.
      - 2 Sub-Overseers.
  - **A. E. Survey** (3rd Grade). *Permanent.*
    - *Permanent.*
      - 1 Surveyor.
      - 1 Estimator.
      - 2 Draughtsmen.
      - 3 Tracers.
    - *Temporary.*
      - 1 Inspector (W.M.S.)
      - 2 S.O.S. (W.M.S.).
      - 1 Asstt. Estimator.
      - 2 Draughtsmen.
  - **A. E. Distribution.** (2nd Grade). *Permanent.*
    - *Permanent.* A. E. Waste Prevention. (3rd Grade).
      - 5 Inspectors.
      - 7 S. O. S.
    - *Temporary.* A. E. Meters. (3rd Grade).
      - 3 Inspectors.
      - 6 S. O. S.
    - 7 Inspectors.
    - 24 Sub-Overseers
    - 3 T. A. S.
  - **A. E. Outside City.** (3rd Grade). *Permanent.*
    - *Permanent.*
      - 5 Inspectors.
      - 7 Sub-Overseers
      - 1 Clerk.
      - 3 T. A. S.
    - *Temporary.*
      - 1 Inspector (L.W.).
      - 1 Inspector (M.M.).
      - 2 Sub-Overseers.
      - 3 T. A. S.
  - **CHIEF CLERK.** (*Permanent*).
    - **CHIEF CLERK (A.R.P.).** (*Temporary*).
      - **H. C. (Exp.)** *Pemanent.*
        - 5 Clerks (Perm.).
        - 3 Clerks (Temp.).
      - **H. C. (Rev.)** Typing Section. *Temporary.*
        - 6 Clerks (Perm.).
        - 1 Clerk (Temp.).
      - **H. C. (Meters).** *Permanent.*
        - 2 Clerks (Perm.).
        - 2 Clerks (Temp.).
      - **H. C. (Deposit).** *Temporary.*
        - 4 Clerks. (Tem)
      - **H. C. (Corres.)** *Permanent.*
        - 2 Clerks (Perm.).
        - 1 Clerk (Temp.).
      - **Record Section.** *Permanent.*
        - 8 Clerks.
      - **Typist Section.**
        - 1 Senior Stenographer. (Temp.).
        - 1 Junior Stenographer (Perm.).
        - 4 Clerks Typist (Perm)
        - 1 Clerk Ty'ist (Temp.)
      - **T. A. S.**
        - 1 T. A. (Perm.).
        - 2 T. A. (Temp.).
        - 2 T. A. (A.R.P.).

BOMBAY FIRE BRIGADE.

No. F/2875/S.R. of 1943-44.

Bombay, 26th June 1944.

"Subject: *Annual report for the year 1943-44.*

I have the honour to submit the Annual Report on the working of the Brigade for the year 1943-44.

Calls.—The number of calls received during the year was 779 as against 717 in the previous year. Of these 668 were received for 473 actual fires, 145 were false alarms and 50 were in respect of special services. In some cases more than one call was received for one and the same fire. The number of fires shows an increase of 11 over the previous year. Of the 145 false alarms 44 were maliciously given (41 by fire alarms and 3 by telephones) 18 were given with good intent and 83 were caused by electrical defects etc. In addition 23 calls were received for fires outside the City limits.

Fire Loss.—The estimated loss on account of fires was Rs. 36,75,006 showing an increase of Rs. 11,62,839 over the previous year and Rs. 10,76,011 over the average of the last three years. The increase was mainly due to a serious fire involving the major portion of an old cloth Mill at Tulsi Pipe Road which caused a loss to the extent of about Rs. 18,00,000. Of the total loss during the year, Rs. 31,61,321 represented insured property whilst the total property at risk was valued at approximately Rs. 11,50,38,261.

Water Supply.—The supply of water throughout the year for extinguishing fires was satisfactory and the attendance of the staff of the Water Department was prompt on all occasions. The approximate quantity of water used at fires was 67,98,556 gallons of which 56,38,037 gallons were drawn from Municipal mains and the remaining quantity from sea, tanks and wells.

Lives Lost.—Two persons were burned to death, 7 persons received such injuries that they subsequently succumbed to them and 48 received serious or minor injuries from which they recovered. First aid was rendered to the injured persons by the Brigade on six occasions. These particulars are only of the fires at which the Brigade attended.

Fire Alarms.—Eighty eight per cent. of the calls during the year were given through the street fire alarm system. The total number of fire alarm posts in use in the City including private alarms was 198. Six arrests were made in connection with malicious interference with fire alarms. One person was found guilty and fined Rs. 60 by the Chief Presidency Magistrate. Four persons were declared to be insane and one was acquitted by the court.

Appliances.—No new fire appliances were purchased during the year due to war conditions.

Stations.—The ground floor of the Memonwada Station, having been completed, it was found possible to close down the old Bhuleshwar Fire Station and transfer the appliances and staff to the new station. Quarters for the staff have been provided in the adjoining municipal building with sliding poles giving quick access to the new station.

The Suparibaug and Tardeo stations which operated at the joint expense of Government and the Municipality were closed down during the year owing to improved war situation.

Auxiliary Fire Service.—The staff of Officers and other ranks in this service was gradually reduced from 1,266 to 262 with provisional retention of 29 additional motor drivers and the trailer pumps were reduced to 29 with 19 towing vehicles etc. exclusive of the 324 officers and the other ranks and 24 trailer pumps with 12 towing vehicles maintained at the expense of the Bombay Port Trust.

General.—The total distance run by fire appliances on the 668 calls was 6,742 miles.

Hydrant inspections were regularly carried out and all defects remedied.

Theatres and Cinemas were inspected on 204 occasions and 1195 inspections were made in connection with dangerous trades and of hazardous storage goods.

A trailer fire pump competition drill was held during the year similar to the one organised in the year 1942 and the Municipal Commissioner's silver challenge cup was won by the Fort Station.

Ambulance Service.—Accident calls numbered 1,491, maternity calls 1,640 and fire calls 3,123 as against 1,251, 845 and 2,170 respectively in the previous year and 6,343 persons were carried during the year as against 4,511 in the previous year. The total distance run by ambulances was 44,804 miles and the receipts for hire cases amounted to Rs. 15,836 as against 31,363 miles and Rs. 11,284 respectively in the previous year. First aid was rendered to injured persons by the ambulance staff on 364 occasions.

N. COOMBS,
Officer Commanding Fire Services.

Budgeted Strength and Equipment of the Brigade.

Strength.

1	Officer Commanding, Fire Services.	1	Third Officer.	27	Motor Drivers.
1	Dy. Chief Officer.	10	Station Officers.	27	Tindals.
1	Assistant Officer Commanding, Fire Services.	1	Motor Mechanic.	*190	Firemen, etc.
1	Second Officer.	1	Sub-Officer.	1	Turncock.
		4	Fitters.	1	Carpenter.

* Including one Temporary post.

Office Staff—5 Clerks.
Ambulance Staff—6 Motor Drivers and 15 attendants.

Equipment.

17	Motor Pumps (all fitted with First Aid Appliances) 11 carrying Fire Escapes and 6 Extension Ladders.	1	Motor Emergency Tender.	31	Smoke Helmets or Breathing Apparatus.
1	Trailer Fire Pump.	1	Motor Car.	2	Oxy-Acetylene Cutting Plants.
1	100 feet all metal Turntable Ladder with Pump.	2	Motor Lorries.	1	Foam Generator.
1	85 feet Motor Turntable Ladder.	6	50 feet Fire Escapes.	32,400	feet of Rubber-Lined Hose.
1	82 feet Motor Turntable Ladder.	5	60 feet Fire Escapes.	2,100	feet of unlined Hose.
		9	Extension Ladders.	6	Motor Ambulances.
		16	Hook Ladders.		Chemical Extincteurs and other small appliances.
		7	Hose Reels.		

Appendix I.

Statement showing Distribution of Appliances, Staff, Etc.

Station No.	Name of Stations.	APPLIANCES, ETC. Motor Pumps.	Trailer Fire Pump.	Motor Turntable Ladders.	Motor Turntable Ladder with Pump.	Motor Emergency Tender.	Motor Cars.	Motor Lorries and Buses.	Fire Escapes.	Extension Ladders.	Hook Ladders.	Hose Reels.	Sets of Breathing Apparatus, Gas Masks etc.	Oxy-Acetylene Cutting Plant.	Foam Generator.	Delivery hose in feet.	STAFF. Principal Officers including Officer Commanding, Fire Services.	Motor Mechanic.	Sub-Officer.	Fitters.	Motor Drivers.	Tindals.	Firemen, etc.	Turncocks.	Carpenters.	AMBULANCE SERVICE. Ambulance Cars.	Drivers.	Firemen (Attendants).
1	Headquarters ...	3	1	...	1	1	1	2L	2	5	3	...	17	2	1	7,300	5	1	1	4	12	10	54	1	1	3	3	9
2	Alexandra Docks ...	2	...	...	...	...	...	...	1	1	...	...	3	...	...	4,000	2	...	...	...	2	2	16	...	...	2	2	4
3	Gowalia Tank ...	1	...	...	...	...	...	...	1	...	2	1	1	...	...	2,250	1	...	...	...	1	1	12	...	...	...	...	...
4	Sewri Cotton Depot ...	1	...	...	...	...	...	...	1	...	...	1	1	...	...	3,000	1	...	...	...	1	1	12	...	...	...	...	...
5	Babula Tank ...	2	...	...	...	...	...	...	1	1	4	1	2	...	...	3,750	1	...	...	...	2	2	16	...	...	...	...	...
6	Fort ...	1	...	2	...	...	...	...	1	...	1	...	1	...	...	3,200	1	...	...	...	2	2	16	...	...	...	...	...
7	Colaba ...	1	...	...	...	...	...	...	1	...	...	1	1	...	...	1,750	1	...	...	...	1	1	12	...	...	...	...	...
10	Dadar ...	2	...	...	...	...	...	...	1	1	4	1	2	...	...	4,500	1	...	...	...	2	2	17	...	...	1	1	2
11*	Memonwada ...	2	...	...	...	...	...	...	1	...	...	1	1	...	...	1,750	2	...	...	...	2	5	19	...	...	...	...	...
12	Mandvi ...	2	...	...	...	...	...	...	1	1	2	1	2	...	...	3,000	...	...	...	...	2	1	16	...	...	...	...	...
15																												
	Total ...	17	1	2	1	1	1	2L	11	9	16	7	31	2	1	34,500	15	1	1	4	27	27	190	1	1	6	6	15
	Auxiliary Fire Service (Govt.)	...	29	...	...	...	1	18B	...	...	...	...	...	...	...	58,000	39	1	29	9	58	...	153	...	2	...	...	...
	Auxiliary Fire Service (B.P.T.)	...	24	...	...	...	...	12B	...	...	...	...	...	...	...	21,825	42	...	36	...	36	...	210	...	...	...	—	...

*No. 11 Station, Bhuleshwar closed on 31-5-1944 and Memonwada Station opened on 1-6-44.

Auxiliary Fire Service Station.

8 Shivaji Park
9 Suparibaug (Closed on 27-11 43)
13 Tardeo closed on 30-11-43.
16 Naigaum
17 Kalachowki (B.P.T.)
18 New Parsee Bazar
19 Haines Road
20 Arthur Bunder
21 Quay Street (B.P.T.)
22 Mazagaon (B.P.T.)
23 Carnac Bridge (B.P.T.)
24 Love Grove
25 Timber Ponds (B.P.T.)
30 Andheri (Closed on 1-2-44)

Appendix II.

Summary of calls to fires (including False Alarms) showing the number of times appliances of the Fire Brigade attended and were used for extinguishing fires during the Year 1943-44.

Station No.	Name of Stations.	NUMBER OF FIRE ALARMS ATTACHED. Fire Brigade.	Private.	HOW CALLED By Stranger.	By Fire Alarms.	By Exchange Telephone Number.	By Police or Salvage Corps.	By Private Telephone.	Total.	APPLIANCES ATTEND Motor Pump carrying escape or ladder.	Trailer Fire Pump.	Motor Turntable Ladders.	Motor Turntable Ladder with Pump.	Motor Emergency Tender.	A.F.S. Units.	EXTINGUISHED BY Buckets.	Sand.	Chemical Extincteurs.	Hand Pumps.	First Aid Appliances.	Hydrants.	Motor Pumps.	Foam Generator.	Automatic Sprinkler Heads Actuated.	Smoke Helmets or Breathing Apparatus used.	Fan Blower used.
1	Headquarters ...	17	4	13	51	...	1	...	65	138	18	...	119	66	81	3	1	...	1	7	11	32	...	...	2	1
2	Alexandra Docks ...	17	1	5	26	...	...	...	31	59	...	...	...	...	31	1	...	1	...	6	4	15	...	...	1	...
3	Gowalia Tank	27	4	6	51	...	...	...	57	81	...	...	...	...	...	15	5	...	1	2	12	6	...	...	...	...
4	Sewri Cotton Depot...	9	8	15	34	...	1	...	50	58	...	...	...	...	88	3	2	...	...	3	18	19	...	6	...	...
5	Babula Tank ...	11	3	4	48	...	...	...	52	137	...	...	...	...	...	14	...	...	...	8	7	28	...	...	...	...
6	Fort ...	14	6	9	21	...	...	...	30	101	...	65	...	...	51	6	3	...	5	10	1	7	...	...	...	...
7	Colaba ...	8	4	1	9	...	1	...	11	25	...	...	...	...	...	2	...	...	1	2	...	5	...	...	...	...
10	Dadar ...	33	1	7	61	...	1	...	69	120	...	...	...	...	57	15	1	...	1	14	20	28	...	...	1	...
11	Memonwada. ...	20	1	6	88	285	1	2	382	133	...	...	...	...	162	21	3	...	7	24	8	10	...	...	...	...
12	Mandvi ...	10	...	4	28	...	...	...	32	93	...	...	...	...	...	1	...	...	...	4	6	24	...	...	...	...
	Total...	166	32	70	417	285	5	2	779	945	18	65	119	66	473	81	15	1	16	80	87	174	...	6	4	1

N. B.—Figures include calls and attendances of Auxiliary Fire Service.

Appendix III.

Monthly summary of fires and annual losses for the period from 1934-1935 to 1943-1944.

Year.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March	Total.	Estimated Rs.
1934-1935 ...	16	18	28	23	19	15	19	33	24	30	18	40	283	11,00,883
1935-1936 ...	35	37	22	14	8	17	36	22	29	24	27	27	298	8,86,459
1936-1937 ...	18	20	25	21	16	29	95	47	44	43	25	28	411	22,47,645
1937-1938 ...	30	46	27	28	20	20	24	45	23	32	34	17	346	9,98,986
1938-1939 ...	37	34	20	23	17	19	33	42	40	38	33	37	373	8,36,346
1939-1940 ...	29	42	25	20	21	18	20	31	34	28	22	23	313	25,44.167
1940-1941 ...	20	28	16	23	14	17	29	34	27	31	27	26	292	3,51,262
1941-1942 ...	42	31	23	19	21	28	44	44	33	40	43	45	413	49,33 556
1942-1943 ...	44	37	28	21	55	33	53	43	29	41	37	41	462	25,12,167
1943-1944 ...	34	69	27	18	38	18	39	34	53	47	48	48	473	36,75,006

MUNICIPAL GARDENS.

No. G.194 of 1944-45.

BOMBAY, *10th June 1944.*

"Subject: *Report on the working of the Municipal Gardens for the year 1943-44.*

The undersigned continued to be in charge of the Gardens Department throughout the year. Mr. R. P. Vedak, Assistant Superintendent, Zoological Section, retired on account of superannuation on 16th May 1943 and Mr. B. A. Contractor was appointed in his place. A post of Junior Overseer was created during the year and the incumbent of the post was entrusted with the supervision of Public Gardens, as it was found that the Head Clerk and Overseer could not attend to clerical work and also look after the Public Gardens, which had considerably increased in number during the past few years.

16 Gardens, 3 Fountains, 2 Bandstands, 3 Open Spaces, 44 Recreation Grounds, 4 Traffic Islands, 1 Statue and Hedges at 3 places were maintained. In addition to these 2 more Recreation grounds, *viz.*, a plot East of Plot Nos. 131-132, Dadar-Matunga Estate, Scheme No. 4, and another plot known as Nakhoda Baug at Mahim were taken over by this department for maintenance, thus bringing the total number of recreation grounds to 46. A Traffic Island at Ranade Road Extension in the Engineer's Colony was also taken over for maintenance thus bringing the number of Traffic Islands to 5. A drinking fountain was erected and donated by Mr. Ramji Keshavji, Contractor and General Merchant, for public use at the King's Circle Garden bringing the total number of Fountains to 4.

The number of visitors to the Victoria Garden during the year under report was 23,05,144 against 22,50,106 in the preceding year which shows an increase of 55,038 over last year's figure, giving an annual average of 24,17,293 for the last five years and an average of 6,315 per day during the year under report.

A circular plot was newly designed and laid out at the eastern end of the main road, in the Victoria Garden and in front of the Giraffe enclosure.

This department took part in the Vegetable, Fruit and Flower Show held in Bombay on 7th and 8th March 1944, at the Brabourne Stadium, and won the first prize for its Orchid exhibits.

Music performance were arranged as follows :—

Place	Band.	Radiogram.	Indian music.	Place.	Band.	Radiogram.	Indian music.
Victoria Gardens ...	11	28	13	Joseph Baptista Garden ...	1	2	...
Chowpaty Bandstand ...	5	26	...	King's Circle ...	...	28	15
Esplanade Bandstand ...	7	24	...	Parsi Colony, Dadar ...	5	24	...
Sir Pherojshah Mehta Garden	6	27	...				

The musical programmes proved to be very popular and the high attendance at all the above places was due partly to the withdrawal of the A.R.P. restrictions and partly to the increase in the population of the City.

The angle iron fencing of the Sambhur enclosure was removed and substituted for the wooden fencing along the north-west corner of the Victoria Garden along Connaught Road, at an aggregate cost of Rs. 2,226 as the latter fencing was completely broken and materials were not available for constructing a new fencing. A sum of Rs. 2,685 was sanctioned to extend the Python enclosure in the Bhavanagar cage in order to exhibit the Python more favourably from the standpoint of onlookers and the work was in progress at the end of the year. Repairs were also carried out to the ceiling of the Chowpatty Bandstand at a cost of Rs. 360 and a sum of Rs. 2,621 was spent on levelling and fencing playgrounds in various parts of the City.

The encroachment on Gowalia Tank Maidan made by a Sadhu was removed and the area levelled and thrown open to the public.

During the year under report 45 animals and 8 birds were received as presents, 51 animals and 3 birds were born in the Victoria Garden, 38 animals and 45 birds were sold and 73 animals and 61 birds died.

Botanical specimens were supplied as usual to educational institutions. Such institutions in Bombay, Poona, Gujarat, Baroda and other places sent their students to the Gardens for practical study. Some of these students and prominent visitors were taken round.

The Mastan Tank, Gilder Tank and the Willingdon Memorial Playgrounds under the supervision of the Y.M.C.A. and the playground at 2nd Peerkhan Street, under the Nagpada Neighbourhood House, continued to be popular. It is, however considered desirable to run these playgrounds departmentally and to increase their number and a scheme is being formulated for this purpose.

The total expenditure incurred by the Gardens department during the year under report was Rs. 1,93,923-14-1, while the income derived by it from the sale of flowers and other items amounted to Rs. 13,157-1-0."

D. I. AHMADI,
Superintendent, Municipal Gardens.

VICTORIA & ALBERT MUSEUM.

No. C.m./3788 of 1944-45.

Subject:—Annual Report of the work done in the Victoria and Albert Museum, Bombay during 1943-44.

I held the office of Curator, Victoria and Albert Museum, during the year except from 13th October 1943 to 30th November 1943 when I was on leave and Mr. L. B. Samant, Museum Assistant, acted as Curator in my place.

The sub-joined table gives a comparative statement of the number of visitors to the Museum during the year under report and the previous year.

Year.		Number of days the Museum was open.	Total number of visitors.	Daily average.
1943-44	...	314	18,36,252	5,847
1942-43	...	230	9,61,978	4,182

The following specimens were purchased for the Museum during the year :—

Six plaster models of varying sizes for Indian garments, articles of agate, models for the show cases depicting Hindu Mythology and Indian Head-wears, 12 Silver coins of the Kshatrapas of Western India, 33 Silver coins (Mughal), one Silver coin (Nawab of Oudh), one Silver coin (Sher shah Suri), 10 Silver coins (Post-Mughal) ; an embroidered petticoat from Cutch ; a carved walnut-wood box from Kashmir ; four metal images of Ravana, Shiva-Parvati, Narasinha-Lakshmi and Ganga ; and one printed set of Cochin Mural Paintings.

The show-cases for ethnological models, Indian garments and Hindu Mythology were re-arranged so as to enable the visitors to move in the various galleries without any inconvenience and to see the models and exhibits more comfortably. The black-wood screen was re-exhibited after properly joining the broken parts. All original Indian paintings in the Museum were brought together and exhibited in a separte spacious room to enable students of local Art Academies to study and sketch them without any obstruction from other visitors. Exhibits of minor Art Industries were also similarly brought together and exhibited in another room and show-cases of specimens of more important industries were spread over two galleries. The show-case containing a model of Sita in Asokavan was re-arranged and renovated in accordance with the description of the scene in the Ramayana. The Mythology gallery is now very popular with the visitors. All the carpets are re-exhibited over the walls and the visitors can now see them better.

Nawabzada Riaz A. Daultana of Hamida Estate, Luddan (District Multan), who visited the Museum, was much impressed with the Model village plan in the Museum and requested the Municipal Commissioner to give him a replica of the plan as he desired to construct a similar village on his estate. His request has been acceded to.

Some research students and Curators of the art and archaeological sections of the Prince of Wales Museum and the Librarian of the University of Bombay, availed themselves of the books in the Reference Library in this Museum for their respective researches. Students of the Sir J. J. School of Art and other local Art Academies showed great interest in the Indian paintings exhibited at the Museum.

The following books were purchased for the Museum Library during the year :—

(1) Catalogue of the Gupta Coins in the British Museum by Allan ; (2) Origin of the Brahmi Alphabet by Buhler ; (3) Early History of the Deccan by Bhandarkar ; (4) Masterpieces of Art edited by Sparkes ; (5) Life in Gupta Age by Saletore ; (6) Coins of India by Brown ; (7) Islamic Architecture by Brown ; (8 and 9) Coins of Ahmedabd and Coins of Gujarat Sultans by Taylor ; (10) Coins of Cutch andj Kathiawar by Codrington ; (11) A. B. C. of Our Alphabet by Thompson ; 12) Shri Prashasti Sangraha edited by Muni Jinavijayai; (13) Pageant of India by Saunders ; (14) Inscriptions of Kathiawar by Diskalkar ; (15) Colombo Museum Memoirs Series A. No. 1 by Coomaraswamy ; (16) Buddha's Diadem by Wadell; (17) Gupta coins by Burn; (18) Numismatic Notes and Rarities by Smith ; (19) The Glory that was Gurjaradesha Part I edited by Munshi ; (20) How Bombay was Ceded by Rev. Gense ; (21) Shri Tattvanidhi by Wodiyar; (22) Acharadinakara 2 Volumes by Varddhamana Suri.

The pupils from Primary and Secondary Schools of the City who visited the Museum during the year numbered 10,517 against 4,277 during the preceding year.

S. C. UPADHYAYA,
Curator.

MUNICIPAL LIBRARIES.

Annual Report of the work done in the Municipal Free Reading Rooms and Libraries Department during 1943-44.

I held the office of Chief Librarian, Municipal Free Reading Rooms and Libraries Department, during the year except from 13th October 1943 to 30th November 1943, when I was on leave and Mr. S. S. Rajadhyax, Acting Clerk, looked after the routine work. Under Corporation Resolution No. 934, dated the 7th January 1943, the work of administration of municipal libraries, which was till then being done by the Schools Committee, was entrusted to the Municipal Commissioner. The Municipal Commissioner has assigned this work to me and put me in charge of the duties of Chief Librarian. I was also allowed to undergo training in Diploma Course in Librarianship started by the University of Bombay.

I was given the necessary clerical and other staff. The work of cataloguing the books was taken up during the year.

The Municipal Free Reading Room and Library at Agripada was amalgamated with the one at Mominpura and the combined Library was shifted to a better lighted, more airy and spacious and centrally situated site. The Circulating Library for Muslim Ladies at Imamwada was shifted to a central place in Shaikh Buran Comodin Street. The Municipal Free Reading Room and Library at Poibavdi was similarly shifted to a better site on Soparibag Road. Three libraries, managed by various Associations or individuals were taken over at their request along with their assets for management by the Municipality.

Six new Librarians on Rs. 50 per month each in the grade of Rs. 50—3—80 were appointed and the rest of the full-time staff for other libraries previously under the Schools Committee was continued in the new Department.

The opening hours were changed to suit the convenience of the readers. Rules were framed for the issue of books and magazines to be read at home on returnable deposits. As an experiemental measure special rules were framed for lending books without any deposit to Muslim ladies who observe purdah.

A Book Selection Committee was set up under the Chairmanship of the Deputy Municipal Commissioner to assist the Chief Librarian to purchase new books in Marathi, English, Gujarati, Hindi and Urdu. The following lady and gentlemen assisted in the work of the Committee, *viz.* :—

(1) Miss K. K. Khandvala, B.A., B.T. (Bom.), M.A. (U.S.A.), Secretary, Schools Committee, Bombay.
(2) Dr. P. M. Joshi, M.A., Ph.D., Librarian, Bombay University Library, Bombay.
(3) Mr. Mohomed D. Umer, M.A., Superintendent, Urdu Boys' Schools, Bombay.
(4) Mr. R. G. Gyani, M.A., Curator, Archaeological Section, Prince of Wales Museum, Bombay.

Accordingly, popular interesting and outstanding publications in these languages on various subjects such as Philosophy, Religion, Sociology, Science, Useful Arts, Fine Arts, Literature and History including Travel and Geography, were purchased as under :—

Marathi.	English.	Gujrati.	Hindi.	Urdu.	Total.
355	275	368	182	208	1388

These books were distributed among all the Municipal libraries in batches of about 50 each with a view to circulating the batches every six months in rotation to each of the 13 Municipal Free Reading Rooms and Libraries, so that each library may be supplied with new books every six months.

Additional important daily newspapers and leading periodicals, according to the requirements of each library were provided.

Additional new furniture such as book-cases, tables, chairs etc., was supplied wherever necessary.

The sub-joined table gives a comparative statement of the number of persons who took advantage of the Municipal Free Reading Rooms and Libraries and the work done therein.

S. C. UPADHYAYA,
Chief Librarian.

Statement showing particulars of the number of readers of the Municipal Free Reading Rooms and Libraries, books issued etc., during the year 1943-44 :—

Name of the Library.	Total No. of visitors.	Total No. of books issued on Deposit.	Total No. of books issued without deposit to be read on the premises.	Total no. of Depositors.	Dailies.	Bi-weeklies	Weeklies.	Fortnightlies.	Monthlies.	Quarterlies.	Remarks.
Parel ...	31,833	1,035	2,167	73	7	1	3	1	6	2	
Gell Street ...	52,927	1,228	8,099	123	8	2	7	1	4	1	
Foras Road ...	12,598	631	412	38	3	1	2	1	10	...	
Kamathipura (S. M. Sobani). ...	20,819	229	1,461	42	6	...	2	1	3	...	
Chikhalwady (Dadabhoy Nowroji). ...	20,242	1,767	3,013	117	5	1	2	1	9	2	
Kambekar Street (Halai Memon) ...	33,587	1,209	2,061	148	7	...	5	1	1	1	
Nal Bazar ...	13,204	610	68	26	5	...	3	1	8	1	
Bapu Khote Street (H. Y. H. I. Khatry) ...	34,743	2,530	883	157	7	1	8	1	9	...	
Nawiwadi (Ladies) ...	3,829	861	566	50	5	1	3	...	10	1	
Sk. Budan Comodin Street (Muslim Ladies)	221	27	193	5	...	...	...	...	1	1	
Sk. Budan Comodin Street (Teli Mohalla).	30,341	264	1,509	21	8	1	5	1	1	...	*
Mandvi (D. R. Rokde)..	10,211	842	3,341	41	3	1	4	1	9	...	†
Gokhale Road, South...	26,625	814	451	61	1	1	6	1	7	...	†
Grand Total ...	2,91,180	12,047	24,224	902							

N.B.—The issue of books was started from 25th May 1943 after the necessary Registers were printed at the Municipal Printing Press.

* Library taken over from 11th April 1943.
† Libraries taken over from 1st May 1943.

GENERAL STORES.

No. S./105/S.R. of 1943-1944.

Bombay, 9th June 1943.

"Subject: *Administration Report for the year 1943-44.*

1. I have the honour to submit the annual report on the working of the Stores Department for the year 1943-44.

2. During the year, tenders were invited for the purchase of stores in 138 cases against 136 in the preceding year, whereas the total number of inquiries made and quotations invited was 1,327 against 1,491 in the preceding year. The number of contracts for the various schedule articles entered into during the year was 37 against 65 of the preceding year, the remaining tenders being rejected due to high rates quoted by the tenderers. Materials, the acquisition of which is prohibited except in conformity with licences granted by Government, were secured at controlled rates from the controlled stockists or producers, under licences granted by Government.

3. The value of stores and other materials purchased during the year including articles received from other departments on Return Stores Memos. amounted to Rs. 17.73 lakhs against Rs. 13.78 lakhs in the preceding year. The increase is mainly due to higher market rates prevailing because of war conditions.

4. Most of the articles purchased during the year under report were of Indian manufacture and the value thereof amounted to Rs. 15.73 lakhs. The value of foreign goods purchased amounted to about Rs. 2 lakhs.

5. 3,442 orders for the purchase of stores were placed with the contractors and other dealers against 4,766 in 1942-43 and 7,740 in 1941-42. This large decrease is due to the revised method of ordering out stores in quantities sufficient to meet the departmental demands for 3 to 4 months. The method followed prior to 1942 was generally to order out materials when indented by the departments. As this procedure caused delay in supplying the materials to the departments, the above new method was adopted.

6. 19,115 indents and sales memos. were received from the departments against 20,590 in the preceding year.

7. The articles indented which were not in stock or for which no contracts had been entered into were secured from the market by invitation of quotations, except in a few cases wherein direct purchases were made from the market, as such a course was found to be more economical and expeditious.

8. During the year, no dust bins could be sold to house-owners as it was very difficult to obtain them. The galvanised sheets, from which these are manufactured, are under control and applications for securing the sheets from Government under a licence did not have a favourable response.

9. The articles received from contractors and others were carefully examined and compared with approved samples before acceptance and where the articles supplied differed from the samples they were rejected and got replaced except in a few cases wherein they were accepted at a reasonable rate of discount.

10. C.I. and other scrap received from the different departments was sold after inviting sealed offers from dealers in scrap. The highest rate realised for C.I. pipe scrap was Rs. 186-8-0 per ton against Rs. 130-0-0 per ton in the preceding year. The total amount realised by sale of scrap and other unserviceable articles by public auction during the year amounted to Rs. 24,594-5-0 against Rs. 18,087-13-0 in the preceding year.

11. The total turn-over of the department, *viz.*, the receipts and issues of stores during the year came to Rs. 33.12 lakhs against Rs. 26.31 lakhs in the preceding year.

12. The stock of stores on hand was verified departmentally and through the Municipal Stock Verifier. The departmental verification showed no appreciable difference. The verification of stock by the Municipal Stock Verifier for the year 1943-44 has practically been completed and it is gratifying to note that no case of any appreciable excess or deficit has been noticed.

13. The abnormal conditions created by the war seriously affected the department. The annual tenders for supply of materials according to the various schedules which were invited in the months of January and February 1944 carried rates considerably higher than the market rates. In several cases the rates were exorbitant. It was therefore decided to reject them, though this increased the work of the Department. Periodic purchases were made from the market from time to time according to departmental requirements, thus effecting great saving.

14. The value of stores on hand at the close of the year was Rs. 10.06 lakhs against Rs. 7.71 lakhs in the preceding year. The increase of Rs. 2.35 lakhs is due partly to higher rates of materials of general consumption and partly to the keeping of adequate stocks on hand on account of the delay caused in the receipt of materials due to various control orders promulgated by the Government of India and the procedure required to be followed thereunder.

15. Apart from the scarcity of materials and the cancellation of several schedules due to higher rates, the various control orders of the Government of India in the matter of acquisition of materials aggravated the difficulties of the department and increased its work enormously. However the department has been able to meet these difficulties and play its role of a supplying agency to the Municipal departments.

16. I append herewith statements showing (*a*) the stores transactions during the year as required by Clause XXIX of the Stores Audit Manual (Appendix 'O') and (*b*) the details of the stock in hand at the close of the year.

17. The undersigned continued to hold the office of Controller of Stores throughout the year under report.

A. H. K. SHAIKH,
Controller of Stores.

APPENDIX 'O'

(a) *Statement showing Stores Transactions during the year 1943-44.*

Particulars.	General Stores.	Capital Stores.	Line Suspense Stores.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Value of stores on hand on 1st April 1943 ...	4,63,575 0 10	2,13,116 4 3	94,860 4 10	7,71,551 9 11
Value of stores receipts including transfers during 1943-44.	14,02,943 13 6	3,70,807 1 0	0 0 0	17,73,750 14 6
Total ...	18,66,518 14 4	5,83,923 5 3	94,860 4 10	25,45,302 8 5
Less— Value of stores issued including transfers during 1943-44.	11,89,698 4 0	3,47,313 14 0	1,800 13 0	15,38,812 15 0
Balance on 1st April 1944	6,76,820 10 4	2,36,609 7 3	93,059 7 10	10,06,489 9 5

(b) *A statement showing the details of stock held on 31st March 1943 and 1944.*

	1943. Rs. a. p.	1944. Rs. a. p.
Capital Account—		
C. I. Pipes, tubes, Hydrants, and cement	1,74,078 13 3	2,07,722 7 3
Manholes circular, sluice valves and other Water Works castings etc.	15,597 1 0	11,841 14 0
S. W. Pipes and Indian Hume Pipes, etc.	23,440 6 0	17,045 2 0
Line Suspense Account—		
Water Works castings on the line	94,860 4 10	93,059 7 10
General Account—		
Galvanized pipes and fittings and brass fittings	96,953 13 1	1,35,575 11 1
Meter spares and meters	32,541 13 6	38,370 0 6
C. I. Specials, water works castings, and spindles brass	99,373 11 11	1,27,009 7 11
Bolts and Nuts	6,689 11 0	7,830 8 0
Brooms, Goa	937 15 0	1,941 2 6
Cables and wires	1,093 3 0	4,939 3 0
Electric wires and accessories	5,713 8 0	20,954 7 9
Files and Rasps	765 13 0	682 10 0
S. M. Sections	6,139 4 0	19,110 0 0
Lead Pipes and Zinc Sheets	312 0 0	704 3 0
S. M. Plates	719 12 0	3,609 10 0
Coir goods and tin articles	279 15 0	172 8 0
Motor spares	20,381 0 0	17,683 12 0
Nuts, Rivets and Nails	8,541 15 0	8,566 1 0
Oil, castor, cocoanut, sweet and Kerosene	3,614 0 0	4,819 12 0
Lubricating oil, grease	6,105 2 0	10,557 1 0
Timber	2,622 12 0	3,880 15 0
Drainage castings	11,218 1 0	45,910 3 0
Disinfectants	17,904 4 0	25,722 0 0
Clothing Material	8,671 15 0	12,967 1 0
Hose Canvas and rubber	19,045 2 0	16,676 4 0
Spare parts for stone crusher	4,123 2 0	3,908 4 0
Lead pig	17,355 10 0	10,553 15 0
Miscellaneous	92,471 10 4	1,54,675 14 7
Total Rs. ...	7,71,551 9 11	10,06,489 9 5

A. H. K. SHAIKH,
Controller of Stores.

LICENCES, SHOPS & ESTABLISHMENTS.

Bombay, 20th June 1944.

I was in charge of the department during the year 1943-44 except for my absence on leave for a period of 2 months from 5th April 1943 to 4th June 1943, when Mr. T. V. Doraiswamy, B.Com., acted for me.

2. *Licences under Sections 394 and 412-A and permits under Sections 390 and 393 of the Municipal Act*:—The total number of licences and permits issued under these Sections during the year was 24,829 and the fees realised therefrom amounted to Rs. 2,49,071. These figures compare with those of the preceding two years, as shown below:—

Particulars.	Number of Permits and Licences.			Amount of fees recovered.		
	1941-42.	1942-43.	1943-44.	1941-42.	1942-43.	1943-44.
				Rs.	Rs.	Rs.
Commodities and Trades (Section 394) ...	21,108	19,853	22,410	2,14,301	2,19,593	2,39,765
Steam Whistle Blowing (Section 393) ...	38	39	39	380	385	392
Milk products, Ghee and Butter (Section 412A) ...	1,785	1,443	1,144	3,912	3,146	2,570
Factories (Section 390)	171	183	151	4,444	4,725	3,868
Transfers of Licences (Section 394 and 412A) ...	1,087	806	1,029	2,970	2,392	2,363
Transfers of Permits (Section 390)	38	44	56	83	114	113
Total ...	24,227	22,368	24,829	2,26,090	2,30,355	2,49,071

3. The licence fees outstanding on 31st March 1944, amounted to Rs. 328-4-0 in respect of 45 licences as against Rs. 476 in respect of 31 licences on 31st March 1943. Licence fees recovered in excess amounting to Rs.106 were refunded during the year. The loss of revenue incidental to the disuse or demolition of old licensed places or the diversion of their user not entailing licences amounted to Rs. 24,379 against Rs. 25,136 in the preceding year. No licence was revoked during the year. Miscellaneous receipts amounted to Rs. 931 against Rs. 929 in the preceding year.

4. 126 licences were issued during the year for the trade of farriers, as against 96 in the previous year. 36 persons were prosecuted for carrying on the trade without a licence, of whom 19 were convicted and fined Rs. 90-12-0; 30 cases were withdrawn on payment of licence fees, 1 person was acquitted and 5 cases were pending at the close of the year.

Advertisements.

5. The total number of permits for advertisements issued during the year under Sections 328 and 328-A was 2,470 and the receipts therefrom amounted to Rs. 1,15,450. They compare with the preceding two years as under:—

Particulars.	Number of permits issued.			Amount of fees collected.*		
	1941-42.	1942-43.	1943-44.	1941-42.	1942-43.	1943-44.
				Rs.	Rs.	Rs.
Wall-posters, Hoardings and Boards	1,056	1,107	1,181	52,258	67,764	60,669
Movable boards on hand-carts etc. ...	563	485	517	41,662	32,553	28,841
Illuminated Advertisements and Sky-signs ...	63	36	47	2,041	864	1,130
Non-Illuminated Sky-signs and Advertisements ...	825	659	667	12,769	11,418	14,174
Non-Illuminated Kiosks	24	24	13	...	...	...
(Number of Kiosks)	(1607)	(1917)	(2,204)	2,024	2,411	2,755
Wall-Paintings	42	43	43	677	561	1,651
Auctioneers	2	2	2	200	200	200
Space-rent	...	...	...	391	272	2,818
Composition for delayed payments	...	...	...	1,766	2,778	3,212
Total ...	2,575	2,356	2,470	1,13,788	1,18,821	†1,15,450

* Amount of annas eight or more taken as full rupee and that of less than annas eight ignored.

† Out of the demand of Rs. 1,15,450-7-5, a sum of Rs. 1,14,737-12-5 is the actual revenue realised against all the permits issued during the year under report. The latter amount is inclusive of Rs. 465-5-0 being the amount of arrears outstanding at the close of the year 1942-43. A sum of Rs. 1,178 remains outstanding at the close of the year 1943-44.

Hawkers.

6. *Licences under Sections 313 and 313-A.*—The total number of hawker and squatter licences issued during the year was 41,663, and the fees realised therefrom amounted to Rs. 1,54,023. The removal charges recovered under Section 490 amounted to Rs. 32,473. These figures compare with those of the preceding two years, as under:—

Particulars.	Number of licences issued.			Amount of fees collected.		
	1941-42.	1942-43.	1943-44.	1941-42.	1942-43.	1943-44.
				Rs.	Rs.	Rs.
Squatters' Fees collected in Reserved Areas (Under Section 313).	30,325	30,063	33,505	1,25,038	1,22,695	1,35,613
Fees received from itinerant hawkers' licences (Under Section 313-A).	7,082	4,982	8,158	22,852	14,902	18,410
Total ...	37,407	35,045	41,663	1,47,890	1,37,597	1,54,023
Recovery of expenses under Section 490 for removal of encroachments under Section 314.				22,808	25,396	32,473
Total ...	37,407	35,045	41,663	1,70,698	1,62,993	1,86,496

Prosecutions.

7. The number of prosecutions launched during the year under report, and the results thereof, as compared with those of the preceding two years, are as under :—

Year.	Offence against Section.	Total number of cases instituted.	No. of cases withdrawn on compliance with law.	No. of cases which resulted in conviction.	Amount of fines inflicted.	No. of cases which resulted in acquittal.	No. of cases remaining undisposed of on 31st March.
1941-42 ...	394	1,299	1,122	190	Rs. 2,563	...	92
1942-43 ...	,,	1,409	1,156	236	2,685	5	114
1943-44 ...	,,	1,210	979*	202	2,762	2	141
1941-42 ...	328-328A	1,895	2,208	22	685	...	380
1942-43 ...	,,	1,762	1,920	2	6	...	220
1943-44 ...	,,	2,753	2,208*	1	5	...	764
1941-42 ...	412-A	76	73	2	35	...	2
1942-43 ...	,,	80	76	1	10	...	5
1943-44 ...	,,	54	55*	...	...	...	4

* Out of 3,242 cases withdrawn, 2,997 were withdrawn on payment of licence fees and the remaining on other justifiable grounds.

The number of 55 cases under Section 412-A withdrawn during the year under report is made up of 50 cases instituted during that year, and 5 cases of the previous yeer.

8. *Revenue.*—The total revenue of the department was Rs. 5,51,229.

9. *Special Annual Cattle Census.*—During the year under report, a Special Annual Census of Cattle in the City of Bombay, as against the quinquennial census in the past, was undertaken by this department on behalf of Government. The cost of the census, *viz.*, Rs. 1,979-13-0 was met by Government. The preliminary enumeration was started on 20th February 1944, and the final count was taken on 29th February 1944. The census returns, after verification, were sent to the Director of Agriculture, Poona, on 11th March 1944.

Shops and Establishments Section.

10. *Complaints.*—Of the complaints received last year, 12 remained to be investigated, and during the year under report 419 fresh complaints were received, relating mostly to the absence of rest interval and weekly holidays. 411 complaints were investigated and action taken, wherever necessary. By the close of the year, 20 cases remained pending.

11. *Raids.*—Mass raids were arranged as in previous years when two or more Inspectors visited several establishments in one locality simultaneously and checked the notices, registers etc., maintained by each establishment, as it was found that such raids helped enforcement of the Act more effectively. The total number of mass raids carried out upto the end of the year was 514—299 by day and 215 by night.

12. *Visits and re-visits to establishments.*—The total number of visits and re-visits paid to establishments upto the close of the year was 34,560 to Shops, 3,099 to Commercial Establishments, 180 to Places of Amusement and 7,937 to Restaurants.

13. *Prosecutions under the Shops and Establishments Act.*—Out of the prosecutions launched in the preceding year, 219 were pending at the close of the year and 3,495 new prosecutions were instituted. Thus out of 3,714 cases during the period under report, 3,554 were disposed of, 3,509 resulting in conviction, 37 being withdrawn and 8 ending in acquittal. The number of cases pending at the end of the year 1943-44 was 160. The total amount of fines inflicted was Rs. 68,286 giving an average of Rs. 19-7-4 per case or Rs. 8-1-9 per charge, each case generally involving multiple charges.

14. *Exemptions.*—During the period under report, exemption was renewed by Government in the case of 7 chemists' and druggists' shops. Permanent exemption was granted to one new establishment, and also to the employees working in the Government Grain stores, shops and godowns in the City. The Act was suspended for short periods in the case of employees working in the Ticket and Cash Departments of the Bombay Electric Supply and Tramways Co., Ltd. Exemption has been granted to one more establishment during the continuance of the war and to certain employees of the Bombay Steam Navigation Co., Ltd., and the Indian Co-operative Navigation and Trading Co., Ltd. The clerical and other staff working in the grain shops and canteens attached to textile mills under the control of the Mill Owners' Association has also been exempted during the continuance of the war.

Some of the provisions of the Act were, under orders from Government, relaxed during Pateti, Ganesh Chaturthi, Ramzan and Ramzan-Id, Diwali, X'mas, Mahim Urus, and Jamshedi Nowroz holidays as was done in the previous year.

15. *Grant-in-Aid.*—Government sanctioned a grant-in-aid of Rs. 43,125 for the year 1942-43 as against Rs. 55,502, the expenditure for the year.

16. *General.*—It may be mentioned that as a result of prosecutions and heavy fines inflicted by the Courts, a section of the hotel-owners have decided to close their establishments once a week, thus ensuring a weekly holiday to the employees working therein.

A. P. SALDANHA,
Superintendent of Licences,
Shops and Establishments.

MARKETS.

No. M/8098 of 1943-44. *Bombay, 27th June 1944.*

Subject: *Administration Report of the Markets and Slaughter Houses Department for the year 1943-44.*

The total receipts of the Department during the year under report amounted to Rs. 17,65,702-7-10 against Rs. 15,32,334-11-0 in the previous year, showing an increase of Rs. 2,33,367-12-10, which was due to the increase in stall rents, slaughter fees and fair fees.

2. There were in all 17 municipal markets. Statement I shows the total number of stalls and the average number that remained vacant per quarter in each market, the financial result of each market and the increase and decrease in revenue with the percentage on cost as compared with the previous year.

During the year under report 35 stalls were demolished and 6 new stalls were constructed; thus the number of stalls in municipal markets decreased by 29.

There was an increase of Rs. 29,204-9-0 in the receipts from 9 markets and a decrease of Rs. 11,518-11-0 in respect of others with the result that there was an increase of Rs. 17,685-14-0 in stall rents during the year over the previous year.

3. In addition to the above revenue, Rs. 2,99,704-0-6 were realised as squatters fees and scale fees from the Arthur Crawford Market against Rs. 2,43,684-3-9 in the preceding year, showing an increase of Rs. 56,019-12-9.

4. The number of private markets during the year was 22 against 23 in the previous year, the new private market at Chhaktyachi Wadi, Tardeo, having been closed during the year. The number of private slaughter houses remained the same as in the previous year, *viz.*, 2, one at Maude Lines, Colaba for the Military and the other Jhatka slaughter house at Arthur Road for the Sikhs. The License fee in respect of the Byculla vegetable private market, opposite the Victoria Garden amounted to Rs. 23,709 and it has been kept under deposit as the question of compliance by the market owner with certain requisitions is pending. The license fee in respect of Dr. Hakim's private market amounting to Rs. 3,099-0-0 has been kept under deposit as the question of transfer is pending. The license fee in respect of Fancy Private Market was kept in deposit as the owner of the market protested against the license fee and the same will be adjusted in the current year as the question of levying the license fee has been settled.

The amount realised on account of the licence fees of 19 Markets, along with the aforesaid two Private Slaughter Houses amounted to Rs. 27,453-5-0, as against Rs. 22,793-0-0 in the previous year. A sum of Rs. 615-0-0 was also received as licence fees from the firms dealing in imported meat, foreign fish, etc. Licence fees amounting to Rs. 1,150-0-0 were recovered from butchers having stalls in Private Markets.

The number of outside meat shops was 185, against 186 of the preceding year. In four cases the amount of licence fees is received under deposit and the fees realised in respect of the remaining 181 shops was Rs. 10,292-5-4 against Rs. 8,874-0-0 in the previous year.

5. All the Markets and Slaughter Houses were regularly inspected and careful supervision was exercised by the Markets and Slaughter Houses Staff as to the cleanliness and sanitary condition of the premises and the wholesomeness of the articles offered for sale thereat. Unwholesome articles, comprising meat, fish, fruit, vegetables, etc., in different Markets and Slaughter Houses, and contraband meat weighing 6,85,201½ lbs. in the aggregate, were destroyed during the year. The total quantity of meat destroyed in the Markets was 14,898 lbs.

6. The quantity of contraband meat seized and destroyed was 26,326¾ Lbs. against 43,270 lbs. in the previous year, showing a decrease of 15,943½ Lbs. In all, 453 seizures were effected and prosecutions instituted with the result that 444 persons were convicted and fined.

7. The subjoined table shows the number of animals brought to the fair ground at the Bandra Slaughter Houses and the number of animals rejected as unfit on ante-mortem examination, as compared with the previous year:—

Year.	Animals brought to the Fair Ground.			Animals rejected on *ante-mortem* examination.		
	Buffaloes.	Cows and bullocks.	Sheep and goats.	Buffaloes.	Cows and bullocks.	Sheep and goats.
1942-43 ...	12,131	1,10,685	11,63,233	32	1,067	3,022
1943-44 ...	12,189	1,05,139	14,57,798	15	1,793	7,827

The principal causes of ante-mortem rejection were advanced stage of pregnancy or suffering from sheep-pox, foot and mouth disease, fever, emaciation, abortion, debility, mange, bruises, foot-rot, pneumonia, fractures, abscesses, etc., or other diseases, or infections rendering their meat unfit for human consumption.

The principal causes of post-mortem condemnation were cysticercus-bovis, liver flukes, abscesses, bruises, emaciation, hydatid-cyst, foot-rot and parasitic nodular infection of livers and lungs.

8. The slaughter and removal fees realised at the Bandra Slaughter House together with the slaughter fees realised at the DeLisle Road Sheep Market amounted to Rs. 6,12,340-10-0, against Rs. 5,57,392-5-0 of the last year, showing an increase of Rs. 54,948-5-0. The fees received from the Kurla Municipality under the agreement to import buffalo meat into Bombay were Rs. 65,670-0-0 against Rs. 84,150-0-0 in the previous year. A sum of Rs. 43-4-0 was also realised for horned cattle, sheep and goats slaughtered in Bombay on occasions of festivals.

9. The approximate weight of dressed meat of buffaloes, cows and bullocks was 11,725.57 tons and that of sheep and goats 11,905.94 tons. The quantity condemned out of the former was 26.81 tons and out of the latter 7.96 tons which gave 0.23 and 0.06 percentage respectively.

10. The number of pigs and piglings brought for slaughter at the Arthur Road Slaughter House during the year was 23,028 and 231 respectively, out of which 22,496 pigs and 214 piglings were slaughtered and the amount received as import and slaughter fees was Rs. 45,750-12-0 against Rs. 32,100-0-0 in the previous year.

Permits to import 129 slaughtered piglings were issued during the year and the fees recovered thereon amounted to Rs. 96-12-0.

11. Out of 576·932 tons of pork meat slaughtered, 12·42 tons were rejected and destroyed as unfit for human consumption on account of tuberculosis, pregnancy, debility, cysticercus-cellulosae, hypertrophy of kidneys bruises, abscesses, cysts and injuries.

The percentage of pork destroyed to the total quantity was 7.15. The infection of tuberculosis was confined to pigs only.

Note.—The details of animals slaughtered etc., and the fees realised are given in Appendix A of this report.

12. The amount realised for the right of collecting fair fees at the Bandra Slaughter House was Rs. 2,36,500 against Rs. 1,50,000 of the preceding year showing an increase of Rs. 86,500.

13. The other miscellaneous revenues were as follows :—

Particulars.	1943-44.	1942-43.
	Rs. a. p.	Rs. a. p.
1. Amount recovered from the contractors for the right of removing blood from the Bandra Slaughter House ...	11,250 0 0	8,250 0 0
2. Licence fee from stalls, and shops, in Municipal and Private Markets, and outside shops, etc.	52,090 10 0	50,611 3 0
3. Minor receipts	7,863 6 6	8,628 14 0
4. Ground rents	15,225 8 0	15,025 7 0
5. Chawl Rents	4,886 2 0	4,983 0 0
6. Rents from the Peddar Market Chawls and other recoveries from Peons through pay sheets etc.	874 0 0	864 0 0
7. Cold Storage Rents	43,565 8 6	32,534 0 0
8. Unclaimed dues and deposits	*Nil*	16 5 0
Total ...	1,35,755 3 0	1,20,912 13 0

14. The fines inflicted by Honorary Presidency Magistrates for the infringement of provisions of the Municipal Act and Byelaws pertaining to the Market Department amounted to Rs. 5,219-0-0, against Rs. 4,677-12-0 in the previous year.

15. The Refrigerator plant at the Arthur Crawford Market worked satisfactorily. In all the four rooms, packages were stored on payment of fees which were recovered departmentally.

STATEMENT I.

Name of Market	Total number of stalls.		Average No. of stalls vacant per quarter.		Stall rents 1943-44.	Squatters fees, licence fees, etc., 1943-44.	Total gross receipts 1943-44.	Total expenditure 1943-44.	Net receipts 1943-44.	Net receipts 1942-43.	Increase or decrease during the year 1943-44.	Total cost of the Markets upto 31-3-44.	Percentage of Net Receipt on the cost.
	1943-44	1942-43	1943-44	1942-43									
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Colaba ...	41	41	3	3	3,774	4,822	8,597	7,498	1,098	2,952	—1,854	97,756	1.12
Fort ...	170	170	17	25	19,984	9,002	28,986	11,122	17,864	17,263	600	4,30,880	4.12
Arther Crawford	1,020	1,021	32	83	2,03,837	1,88,685	3,92,523	1,53,431	2,39,091	2,25,749	13,342	17,73,450	13.4
Erskine Road ...	817	843	208	294	76,213	18,553	94,767	36,152	58,615	55,659	2,955	5,97,612	9.8
Bhuleshwar ...	201	201	15	29	21 997	262	22,260	8,919	13,341	12,756	585	2,94,217	4.5
Peddar ...	46	46	10	14	3,434	7,229	10,664	8,527	2,136	4,593	—2,456	57,863	3.7
Pork ...	3	3	...	1	2,900	4	2,904	2,073	830	1,355	—525	20,880	3.9
DeLisle Rd sheep.	48	48	...	3	6,932	1,212	8,144	6,381	1,762	2,919	—1,156	25,000	7.4
Fergusson Road...	30	34	2	7	5,233	17,554	22,788	11,975	10,812	7,765	3,047	25,473	42.4
Parbhadevi ...	9	9	...	...	1,239	10,439	11,678	6,417	5,261	4,955	306	23,819	22.09
Elphinstone Road	39	37	...	2	7,691	18,000	25,692	10,213	15,479	14,367	1,111	31,843	48.6
Kamatipura ...	96	96	13	24	5,067	4,395	9,463	7,035	2,427	3,752	—1,324	55,498	4.37
Masjid Bunder ...	94	94	54	60	1,566	1,146	2,712	4,769	—2,056	—1,433	—623	17,346	—11.7
Chowpatty ...	71	71	37	47	1,880	993	2,874	7,010	—4,135	—1,933	—2,201	4,67,280	— 0.88
Dadar ...	10	10	...	...	3,336	5,934	62,676	20,767	41,908	36,933	4,975	1,51,676	27.6
Gold Mohur castle	...	...	...	...	...	14,510	14,510	14,390	120	— 2,160	2,281	5,16,603	.023
New Worli ...	43	43	16	15	7,566	8,336	15,902	6,868	9,034	10,409	—1,375	1,79,947	5.02
Total ...	2,738	2,767	407	607	3,72,656	3,64,488	7,37,145	3,23,553	4,13,591	3,95,905	+17,685	47,67,149	

D. S. LAUD,
Superintendent of Markets and Slaughter Houses.

APPENDIX "A".

Statement showing the number of animals slaughtered or removed for private slaughter and the amount of slaughter fee, etc., levied thereon during the year 1943-44.

Description of animals.	April 1943.	May 1943.	June 1943.	July 1943.	August 1943.	September 1943.	October 1943.	November 1943.	December 1943.	January 1944.	February 1944.	March 1944.	Total No. of animals.	Total amount of slaughter fee, etc. Rs. a. p.
Buffaloes	987	1,032	999	1,034	1,034	999	1,033	1,000	1,034	1,034	949	1,010	12,145	1,82,175 0 0
Buffaloes removed to Bombay	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buffaloes for private slaughter in Bombay ...	...	1	...	...	...	...	...	...	...	...	...	...	1	10 0 0
Cows (Bombay)	3,379	3,271	2,430	2,904	2,637	2,855	2,342	2,424	2,461	2,795	2,064	1,863	31,425	47,137 8 0
„ (Bandra)	647	677	624	703	714	669	610	511	611	598	472	487	7,323	7,323 0 0
Bullocks	5,376	5,583	6,103	5,157	5,942	4,881	5,591	4,330	6,090	5,278	4,237	3,816	62,384	93,576 0 0
Sheep and goats for Bombay ...	90,916	96,646	98,481	94,522	90,013	1,01,117	96,719	94,938	1,05,734	10,7,392	93,300	98,824	11,68,602	2,19,112 14 0
Do. Bandra	3,214	3,465	3,679	3,373	3,387	3,727	3,569	3,367	3,768	3,526	3,255	3,208	41,538	5,192 4 0
Pigs imported at Arthur Road Slaughter House	1,473	1,614	1,453	1,448	1,527	2,210	2,402	2,158	2,518	2,215	1,980	2,030	23,028	23,028 0 0
Piglings Do. do. ...	26	5	12	17	9	19	14	8	104	5	6	6	231	173 4 0
Pigs slaughtered at Arthur Road Slaughter House	1,537	1,525	1,420	1,348	1,563	2,167	2,339	2,094	2,537	2,183	1,867	1,916	22,496	22,496 0 0
Piglings Do. do. ...	26	5	12	13	7	9	14	7	104	5	6	6	214	53 8 0
Slaughtered piglings imported for private consumption in Bombay	18	7	1	8	4	5	10	10	44	6	11	5	129	96 12 0
Live horned cattle removed to Bombay ...	11	12	4	9	10	38	11	13	31	11	20	9	179	895 0 0
Live horned cattle removed for shipping ...	...	...	...	8	...	6	8	...	9	8	2	3	44	88 0 0
Live horned cattle removed for Bandra ...	6	3	12	10	25	8	33	16	167	25	162	191	658	1,316 0 0
Live horned cattle for private slaughter in Bombay	...	4	...	...	...	...	...	...	4	1	...	...	9	27 0 0
Live sheep and goats removed to Bandra ...	1,690	2,218	2,592	3,045	2,058	2,228	3,076	3,434	4,246	3051	2,436	1,779	31,853	7,963 4 0
Do. do. Bombay ...	742	975	937	1,827	1,241	1,750	1,989	1,849	4,444	2143	1,581	1,802	21,280	15,960 0 0
Do. do. for shipping..	694	964	767	898	651	539	694	744	514	726	742	487	8,420	2,105 0 0
Live sheep and goats for private slaughter in Bombay	...	...	1	4	...	...	2	2	3	...	...	...	12	6 4 0
Live sheep and goats removed by DeLisle Road Sheep Market Fadkarees	2,508	2,921	2,650	4,010	1,598	3,088	3,467	2,650	5,266	3,569	2,485	3,462	37,674	28,255 8 0
Live sheep and goats slaughtered in the chamber of DeLisle Road Sheep Market ...	623	743	786	932	256	750	536	1,033	836	1,394	900	1,141	9,930	1,241 4 0
Total ...	1,13,873	1,21,671	1,22,963	1,21,270	1,12,676	1,27,065	1,24,459	1,20,588	1,40,525	1,35,965	1,16,475	1,22,045	14,79,575	6,58,231 6 0

D. S. LAUD,
Superintendent of Markets & Slaughter Houses.

MUNICIPAL PRINTING PRESS.

B.M.P.P. /9/29 of 1944–45.

Bombay, 9th June 1944.

Subject: *Report on the working of the Municipal Printing Press for the year 1943-44.*

Mr. B. K. Wagle, B.A. (Cantab.) Test Audit Officer continued to be in charge of the Press throughout the year.

The Municipal printing press has been established for doing departmental work only and the actual cost of the work turned out is only charged, as the press is not worked with a view to making a profit.

Though the difficulty of obtaining paper referred to in the previous year's report was, to some extent, obviated by Government making certain allotments of white and badami Paper, the total quantity available was not adequate to meet the requirements of the Municipality. Every job had, therefore, to be subjected to fresh scrutiny and the sizes of forms, etc., were curtailed further to effect necessary economy in paper. Paper printed on one side and old straw boards received from departments were also made use of wherever possible. The economy in paper so effected can be seen from the following table:—

Description of Paper.	1941-42.		1942-43.		1943-44.	
	Rate per lb.	Quantity consumed.	Rate per lb.	Quantity consumed.	Rate per lb.	Quantity consumed.
	Rs. a. p.	Tons.	Rs. a. p.	Tons.	Rs. a. p.	Tons.
White	0 4 7	49	0 7 2	17	0 8 6	11½
Badami	0 4 ½	4	0 6 6	6	0 7 6	8½
Other kinds	...	...	0 13 0	14	0 15 0	10
Paper printed on one side received from depts	...	...	...	...	...	1
		53		37		31

The dearness allowance of Rs. 10 per month was increased to Rs. 14 per month with effect from 1st May 1943 and to Rs. 16 per month with effect from 1st December 1943. This resulted in increasing the cost of labour by about 17 per cent. over that of last year.

Under their Resolution No. 272 dated the 28th June 1943 the Corporation approved of a proposal to open a Literacy Class for teaching English by the Basic Method to the Press workers as an experimental measure for six months only and sanctioned a grant of Rs. 400 from the Fines fund for the purpose. A Class was accordingly opened and as the experiment proved to be successful, the Corporation sanctioned the continuance of the Class for a further period of one year upto 28th February 1945).

A profit and loss account and a pro-forma balance sheet as on 31st March 1944 are appended hereto. The transactions for the year closed with a surplus of Rs. 1,070 on a total turnover of Rs. 1,87,702.

The Labour staff on 29th February 1944 consisted of 110 effective workers as against 113 workers on 28th February 1943.

T. V. DORAISWAMY,

Test Audit Officer.

MUNICIPAL PRINTING PRESS.

Working and Profit and Loss Account as at 31st March 1944.

LIABILITIES.

Dr.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Materials—			
Paper, etc., stock at the beginning ...	34,644 10 2		
Do. *Add* Purchases ...	79,202 5 0		
	1,13,846 15 2		
Do. *Deduct* stock at end ...	50,149 9 4	63,697 5 10	
Ink stock at the beginning ...	62 13 6		
Do. *Add* Purchases	356 12 0		
	419 9 6		
Do. *Deduct* stock at the end ...	54 0 10	365 8 8	
Binding Materials stock at the beginning ...	5,025 5 2		
Do. *Add* Purchases ...	3,790 0 0		
	8,815 5 2		
Do. *Deduct* stock at the end...	4,845 8 1	3,969 13 1	
Mono Metal stock at the beginning ...	20,541 0 0		
Do. *Add* Purchases ...	...		
	20,541 0 0		
Do. *Deduct* stock at the end ...	18,487 0 0	2,054 0 0	
Materials Non-consumable and Books and Dead Stock at the beginning ...	7,615 14 6		
Do. do. *Add* Purchases ...	3,125 9 0		
	10,741 7 6		
Do. do. *Deduct* stock at the end.	9,525 6 6	1,216 1 0	
			71,302 12 7
Out-work			1,270 8 0
Wages			67,243 2 0
Departmental Expenses—			
Rent	6,000 0 0		
Repairs to Machinery, etc.	869 6 0		
Lighting	504 11 0		
Gas Charges	310 13 0		
Electric Power	1,330 11 0		
Depreciation and Repayment of Capital ...	5,441 3 0		
Interest on Capital	8,289 2 0	22,745 14 0	
General Expenses—			
Staff Salaries	16,974 8 0		
Proportionate Share of the T. A. O.'s Salary.	5,086 14 0		
Provident Fund	4,625 5 0		
Delivery Charges	1,340 11 0		
Contingencies	1,300 9 9		
Telephone Charges	170 4 0		
Advertisement	...		
Printing and Stationery	1,329 3 0	30,827 6 9	
			53,573 4 9
Net Surplus			1,070 12 11
			1,94,460 8 0

ASSETS.

Cr.	Rs. a. p.	Rs. a. p.
Sales—		
Amounts charged to Departments ...	1,84,373 7 0	
Amounts recovered from Private Parties.	3,328 12 0	
	1,87,702 3 0	
Deduct Work in Progress at the beginning of the year	19,138 7 0	
	1,68,563 12 0	
Add work in Progress at the end of the year	24,531 7 0	1,93,095 3 0
Sale of Paper Cuttings, Metal, Ash, etc....	...	1,365 5 0
		1,94,460 8 0

MUNICIPAL PRINTING PRESS.

Balance Sheet as at 31st March 1944.

LIABILITIES.

	Rs. a. p.	Rs. a. p.
CAPITAL—		
(1) Advance from the Net Premia Fund ...	1,62,716 0 0	
Less—Amount repaid ...	17,807 8 0	
	1,44,908 8 0	
(2) Advance from the Surplus Cash Balance ...	4,409 0 0	1,49,317 8 0
Plant and Machinery Depreciation Fund Account ...		3,366 0 0
Outstanding Advance on 31-3-1943 ...		1,24,266 2 6
Assets purchased out of Revenue ...		12,544 15 0
		2,89,494 9 6

ASSETS.

	Rs. a. p.	Rs. a. p.	Rs. a. p.
Plant and Machinery		1,77,479 10 0	
Less—Depreciation upto 31-3-1944 ...		28,162 2 0	1,49,317 8 0
Plant and Machinery Depreciation Fund Investments (in respect of Machinery purchased from Surplus Cash Balance, (*Vide* Contra) ...	...	...	3,366 0 0
Work in Progress	...	24,531 7 0	
Stock of Paper, etc.	...	55,049 2 0	
Mono Metal—Balance as per last year ...	20,541 0 0		
Do. Additions during the year ...	...		
	20,541 0 0		
Less—Written off ...	2,054 0 0	18,487 0 0	
Materials Non-Consumable—			
Balance as per last year	5,747 7 0		
Additions during the year	1,227 9 0		
	6,975 0 0		
Less—Written off ...	818 11 0	6,156 5 0	
Books and Dead Stock—			
Balance as per last year	1,868 7 6		
Additions during the year	1,898 0 0		
	3,766 7 6		
Less—Written off ...	397 6 0	3,369 1 6	
Bills due from Departments	15,234 0 0		
Do. Private Parties	1,439 3 0	16,673 3 0	1,24,266 2 6
Lino Metal	...	6,636 0 0	
Dead Stock	...	5,908 15 0	12,544 15 0
			2,89,494 9 6

K. E. M. HOSPITAL

AND

SETH G. S. MEDICAL COLLEGE.

———:o:———

No. E.H./15/SR. of 21-6-1944.

Subject : *Administration Report for the year 1943-44.*

Advisory Medical Board.

1. During the year, the Advisory Medical Board held 10 meetings inclusive of one General Meeting of the Honorary and Professorial Staff.

2. So far as these institutions are concerned, the year commenced with a very sad occurrence, *viz.*, the sudden and untimely demise of Dr. J. P. Padshah, M.D. (Lond.), F.C.P.S. (Bom.), the Dean of the K.E.M. Hospital and Seth G. S. Medical College on 10th April 1943. His death was a great loss to the institutions. Dr. R. P. Koppikar, M.S., F.C.P.S. (Bom.), was appointed Dean in place of Dr. Padshah from 11th April 1943.

3. Dr. T. O. Shah, F.R.C.S. (Eng.), Honorary Surgeon and Lecturer in Surgery retired due to superannuation from 30th June, 1943 and was appointed Honorary Consulting Surgeon to the K.E.M. Hospital from 1st July 1943.

4. Dr. M. M. Pandhya, M.B., B.S. (Bom.), F.R.C.S. (Eng.), was appoointed as Honorary Surgeon and Lecturer in Surgery from 1st July 1943.

5. Dr. R. H. Karmarkar, F.R.C.S. (Eng.), was appointed as Honorary Assistant Surgeon and Honorary Lecturer in Surgery from 16th August 1943.

6. Dr. P. Raghavan, M.D. (Bom.), was appointed as Honorary Physician and Honorary Lecturer in Medicine from 1st December 1943.

THE HOSPITAL.

7. The 456 beds of the Hospital were fully occupied during the year under report. They are distributed as under :—

Department.	Men.	Women.	Children.	Total.
Medical	114	38	12	164
Surgical & Orthopaedic	102	35	16	153
Gynaecological	...	35	...	35
Ophthalmic	20	12	...	32
Aural	12	3	8	23
Skin and Venereal	18	4	2	24
Isolation	6	3	...	9
Tetanus	5	3	2	10
Casualty	6	...	...	6
Total ...	283	133	40	456

8. The total number of in-patients admitted during the year was 14,804 against 12,782 and 13,135 during 1942 and 1941, respectively.

Extension of the Hospital.

9. The programme of Hospital Extension was considerably affected by the war. No additional work were taken up during the year under report.

Number of patients treated in 1943 and the total expenditure incurred during 1943-44.

10. The statistical tables attached to this report record in detail the number, attendance, etc., in all the departments of the Hospital and the number and nature of operations performed during the period under report. So far as the in-patient work was concerned, there were often extra patients over the scheduled number in the Hospital, the maximum number of in-patients on a single day being 543 thus making their nursing and care extremely difficult.

Particulars.	Figures for the year 1943.	Figures for the year 1942.
(*a*) In-patients—		
1. Scheduled strength of beds ...	456	432
2. Daily average No. of in-patients ...	481.4	456.3
3. Total No. of new in-patients treated ...	14,804	12,782
4. Average No. of days each patient was resident ...	10.61	11.88
(*b*) Out-patients—		
1. Total No. of new out-patients ...	1,32,639	1,15,695
2. Daily average No. of new out-patients ...	333.59	288
3. Total No. of out-patient attendance ...	4,71,136	3,77,203
4. Daily average No. of out-patient attendance ...	1505.59	1,200
5. No. of casualty patients included in No. 1 above ...	29,255	26,258
(*c*) Operations—		
1. Total No. of operations on in-patients ...	5,960	5,341
2. Total No. of operations on out-patients ...	12,067	11,065

11. Out of the total number of 15,285 in-patients (14,804 admitted during the year under report and 481 previous year's balance), 4,890 were cured, 6,264 were discharged relieved, 2,056 either left the Hospital against medical advice or were otherwise discharged and 1,568 died leaving a balance of 507 patients at the end of the year. Out of 1,568 deaths, 561 died within the first 24 hours of admission, 275 died after 24 hours but within 3 days of admission and the remaining 732 after 3 days of admission into the Hospital.

12. It may be mentioned that the highest number of out-patient attendance on any one day during the year 1943 was 2,314, the highest number of new admissions in the out-door department on a single day being 560. Likewise the highest number on a single day of old cases treated was 1,731, of casualty cases 124 and of in-patients admitted 68.

13. The total expenditure incurred on the maintenance of the Hospital during the year including liabilities outstanding at the end of the year and exclusive of cost on the extension scheme, approximately amounted to Rs. 9,24,096 including grain compensation allowance of Rs. 77,000. This expenditure includes the cost of maintenance and treatment of in-patients, the cost of the out-patient department, of the resident medical, nursing and labour staff as well as that of the administration and of the maintenance and repairs of buildings, etc.

14. The following table illustrates the relative cost per in-patient and out-patient per day, during 1943-44, 1942-43 and 1941-42 respectively.

Particulars.	1943-44.	1942-43.	1941-42.
	Rs. a. p.	Rs. a. p.	Rs. a. p.
(*a*) Average cost per in-patient per day	3 15 10	3 4 8	3 0 2
(*b*) Average cost per in-patient admission	46 11 10	42 6 1	38 0 3
(*c*) Average cost per out-patient attendance	0 7 2	0 7 2	0 6 8
(*d*) Average cost per out-patient admission	1 8 5	1 9 11	1 6 0

15. The details of the cost per in-patient per day, for 1943-44, 1942-43 and 1941-42 will be seen from the following table :—

Year.	Diets.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1943-44 ...	0 13 10	0 10 2	0 2 6	0 2 5	0 1 4	1 14 10	0 2 9	3 15 10
1942-43 ...	0 8 10	0 8 6	0 2 11	0 2 6	0 1 6	1 10 2	0 2 3	3 4 8
1941-42 ...	0 7 0	0 7 8	0 3 6	0 2 5	0 1 8	1 7 11	0 2 0	3 0 2

16. The following table gives the average cost of every new out-patient admission completely treated during the year in comparison with that for the previous two years :—

Year.	Drugs, dressings, etc.	Stores and Linen.	Heating and lighting.	Miscellaneous.	Establishment.	Repairs to buildings and Engineering	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1943-44	0 8 4	0 1 1	0 0 4	0 0 5	0 13 11	0 0 4	1 8 5
1942-43	0 7 10	0 1 2	0 0 5	0 0 7	0 15 4	0 0 7	1 9 11
1941-42	0 6 9	0 0 11	0 0 5	0 0 4	0 11 4	0 2 3	1 6 0

It may be stated that the actual cost incurred on patients (in-patients as well as out-patients) under drugs surgical appliances, etc., is exclusive of the cost of the expensive drugs, injections, blood transfusions etc., met out of the Poor Box Charity Fund amounting to Rs. 16,658-1-0 during the year as was done in previous years. A reference in this connection is invited to paragraph 27 below and to Appendix No. 20.

Motor and Mill accident cases.

17. The following table indicates the number of motor and mill accident cases treated during the year in comparison with that of the previous years :—

—	Motor Accidents.				Mill Accidents.			
	Treated in the casualty department.		Admitted.		Treated in the casualty department.		Admitted.	
	1943.	1942.	1943.	1942.	1943.	1942	1943.	1942.
Male ...	461	337	162	136	3,199	3,140	131	156
Female ...	51	37	24	14	99	95	1	7
Children Male	55	47	19	19	...	...	...	...
Children Female	20	21	11	10	...	1	...	...
Total ...	587	442	216	179	3,298	3,236	132	163

18. It is interesting to note that 4,414 certificates under the Workmen's Compensation Act and 730 certificates with medical opinion were issued during the year.

19. 153 cases were treated in the Hospital for poisoning and 89 for animal bites during the year as shown below with the following results :—

Nature of poisons.	Cured.	Relieved.	Otherwise.	Died.	Total.
Metals and their salts ...	4	8	...	1	13
Non-metals and their compounds ...	19	5	1	1	26
Organic poisons ...	58	30	1	9	98
Food poisoning ...	10	1	...	1	12
Poisonous gases and vapours ...	...	...	1	...	1
Unknown poisons ...	3	...	...	...	3
Total ...	94	44	3	12	153
Animal bites ...	47	33	4	5	89

Nursing Staff.

20. The arrangement of sending three nurses to the Arthur Road Hospital for attendance on fever cases every two months was continued during the year.

21. During the year 52 nurses were trained out of whom 39 have passed the nursing examination held by the Bombay Nurses, Midwives and Health Visitors' Council.

22. The cost of the nursing establishment works out at Rs. 108-2-0 per nurse, per mensem, against Rs. 85-10-0 in the preceding year. It includes not only the cost of salaries, uniform and dhobi allowances and honoraria paid to the medical staff giving instruction in the nursing school, but also their mess charges, the cost of electric energy consumed and repairs to their quarters, household linen, and crockery. The increase of Rs. 22-8-0 per nurse, per mensem, is due to the increase in rates for the supply of provisions for the nurses on account of the war. The *pro-rata* rent for quarters provided to the menial staff employed in the Nurses' Home and the Municipal Provident Fund contributions are not included in the above figures.

Nurses Welfare Fund.

23. The Nurses' Welfare Fund inaugurated for promoting the welfare of the nursing staff of this Hospital continued to be of material help to them. Thanks are due to the ladies helping in the maintenance of this Fund and for the keen interest they have taken in the welfare of the nursing staff during the year and to all those firms and individuals who have contributed towards the Fund either in cash or in kind.

24. Thanks are also due to the Proprietors of the 'Nawakal' for the supply of a copy of their daily newspaper free of charge.

SCHOOL CLINIC.

25. The treatment of school children attending the Municipal primary schools was continued during the year. 1,723 new children were treated in the different departments of the Hospital in addition to a large number of children who began their treatment in the previous year. The total number of children treated in the year was 11,535 as against 7,856 treated in the previous year. 91 school children were operated upon in the Aural department and 11 in the Ophthalmic department. 5 minor operations were performed in the Minor Surgery department in the outdoor. 3 fractures were corrected and treated. Refraction of vision was done in 95 cases and glasses were prescribed to 68 children including 6 to whom pairs of dark glasses were given. 3 children were given eye shades. 7 children were admitted as in-patients and were treated for various disorders.

26. The total cost of the Clinic at the K.E.M. Hospital amounted to Rs. 9,015-11-0. A detailed report of the School Clinic has been forwarded to the Executive Health Officer.

Poor Box Charity Fund.

27. The Poor Box Charity Fund from which relief is rendered to poor patients by providing them with spectacles, crutches, trusses, artificial limbs, travelling expenses, etc., has received steady support from the public as well as from the patients of this Hospital, as will be seen from Appendix No. 20. Besides relief in the shape of blood transfusion, costly drugs, medicines, injections, travelling expenses etc., the following appliances, were provided to 129 patients at a total cost of Rs. 1,698-4-0 as shown below :—

Particulars.	Nos.		Particulars.	Nos.
Spectacles ...	48	pairs.	Dental splint ...	1
Crutches, ordinary ...	27	,,	Hernia belt ...	1
Artificial legs ...	14	Nos.	Hernia support ...	1
Tracheotomy tubes ...	10	,,	Spinal brace ...	2
Hernia trusses ...	4	,,	Robert Jone's frame ...	1
Taylor's brace ...	3	,,	Walking caliper ...	1
Skull caps ...	3	,,	Thomas's hip splint ...	1
Abdominal belts ...	3	,,	Metal Breast plate ...	1
Dentures ...	2	,,	Valgus pad ...	1
Elastoplast bandages ...	2	,,	Cholostomy cup ...	1
Crutches, superior ...	2	pairs.	Elephant boot. ...	1
Scooped heel ...	1	,,		

28. It may be added that it was possible to provide blood transfusion to 90 cases during the year under report with the help of donors to whom payment was made from this Fund.

29. The following large and small donations were received and acknowledged with thanks during the year :—

	Rs.		Rs.
1. The Millowners' Association ...	1,800	27. K. P. M.	100
2. Sheth Ujamsi Pitambar	1,001	28. Messrs. Tata Sons, Ltd.	100
3. Messrs. Bombay Dyeing and Manufacturing Co., Ltd.	501	29. The Director, Bombay Garage ...	100
4. Shantilal Mathuradas Parikh, Esqr. ...	501	30. Messrs. Bhogilal Premchand & Co. ...	100
5. Mrs. Dinbai F. Patuck ...	500	31. Messrs. Swadeshi Mills, Co., Ltd. ...	100
6. Messrs. E. D. Sassoon Co., Ltd. ...	500	32. Motiram G. Desai, Esqr.	100
7. Prof. N. P. Kale	500	33. Messrs. Finlay Mills, Ltd.	100
8. Messrs. Burmah Shell Oil Storage and Distributing Co., Ltd.	400	34. Messrs. Imperial Chemical Industries (India), Ltd.	100
9. N. H. Tata, Exqr. ...	350	35. Mrs. Vatsala Natu	100
10. Messrs. Zandu Pharmacautical Works, Ltd.	301	36. Dr. Valles	75
11. Messrs. B. E. S. & T. Co., Ltd. ...	300	37. Mr. K. V. Kaur	51
12. Dr. D. N. Daftary	251	38. Mr. Kishore Sahu	51
13. Minoo A. Gagrat, Esqr. ...	251	39. Mr. Sohrab Mody	51
14. Messrs. Wolverhampton Works Co., Ltd.	250	40. Mannalal Dadia, Esqr.	51
15. Messrs. India Mills, Ltd. ...	250	41. Mrs. Rukminibai S. Sawant ...	51
16. Messrs. General Motors (India), Ltd.	250	42. Messrs. Morarji Goculdas Spinning & Weavining Co., Ltd. ...	51
17. Pannalal Kotheri, Esqr.	221	43. Messrs. Indian Oxygen & Acetylene Co., Ltd.	50
18. Messrs. H. J. Foster, & Co. ...	200	44. Khan Saheb Dr. D. B. Behramji ...	50
19. Messrs. Killick Nixon & Co., Ltd. ...	200	45. Jal H. Choksey, Esqr.	50
20. L. V. Chhatre, Esqr. ...	151	46. Kumarmal Kevalram, Esqr. ...	50
21. Messrs. United Motors (India), Ltd. ...	150	47. Messrs. Godrej & Boyce Mfg., Co., Ltd.	50
22. Messrs. Western India Spinning and Manfacuturing Co.	100	48. The Manager, Comtoir National d'Escompte de Paris	50
23. Messrs. Indian Manufacturing Co., Ltd.	100	49. Messrs. Gannon Dunkerley & Co., Ltd.	50
24. Messrs. Modern Mills, Ltd. ...	100	50. Messrs. Volkart Bros.	50
25. Mesrs. Mysore Chemical and Soap Works	100	51. Pyarelal Gupta, Esqr.	50
26. Messrs. Digvijaya Spinning and Weaving Co. Ltd.	100	52. Messrs. Martin & Harris, Ltd. ...	50
		53. Ahmed A. Fazalbhoy, Esqr. ...	50
		54. D. S. Sodhi, Esqr.	50

Other minor donations of less than Rs. 50 are not shown above.

The College.

37. During the year under report 84 fresh admissions were made in June, 1943. The age survey of these students shows that their average age at the time of their admission was 19.5; it being 17.0 when they Matriculated. The corresponding ages in the preceding years were 19.5 and 17.2 years, respectively. 81 of these students were single, 1 married and 2 betrothed. A statistical study of the occupations of the parents or guardians of the newly admitted students shows that 27 were dependent on service, 16 on business, 17 on medical profession, 3 on legal profession, 9 on pensions, 3 on landed property, 9 on miscellaneous occupations.

38. The number of undergraduate students on the College roll at the close of the year was 498, which included 105 lady students, and that of post-graduate and research students was 60 as shown below :—

	Male students.	Female students.
1st M.B., B.S. 1st year ...	56	29
2nd year ...	100	20
2nd M.B., B.S. 3rd year ...	57	14
3rd M.B.,B.S. 4th year ...	59	13
5th year ...	121	29
Total number of students ...	393	105
Post-graduates including research students ...	56	4
Grand total ...	449	109

39. Thanks are due to the authorities of the Bai Jerbai Wadia Hospital for Children for continuing the facilities given to the students of this College for clinical instruction in the diseases of children at that Hospital during the year under report.

In accordance with the scheme of examining students medically, inaugurated by the University of Bombay, out of 477 students so examined 326 students (68.3 per cent.) were placed under class 'A,' 150 (31.5 per cent) in class 'B' and 1 (.2 per cent) in class 'C'; the percentages of students classified as belonging to 'A', 'B' and 'C' classes during the year 1942-43 being 68.6, 31.4 and 0 respectively. Those whose condition required treatment were referred to the Honorary Staff of the K. E. M. Hospital.

40. The results of the various examinations for which students were sent up by the College are summarised below:—

Examinations.		Candidates sent up.	No. passing the whole examination.
1st M.B.B.S.	April 1943	94	42
	Oct. 1943	58	27
2nd M.B.B.S.	April 1943	55	41
	Oct. 1943	36	30
3rd M.B.B.S.	April 1943	78	24
	Oct. 1943	79	23
M.D. (Medicine)	April 1943	5	1
	Oct. 1943	6	2
M.D. (Pathology)	April 1943	1	...
	Oct. 1943	3	...
M.D. (Midwifery)	April 1943	2	2
	Oct. 1943	3	...
M.S.	June 1943	5	1
	Oct. 1943	10	5
D.O.	June 1943	2	1
	Oct. 1943	...	...
D.O.M.S.	June 1943	2	2
	Dec. 1943	5	2

Annual Cost and Revenue.

The total expenditure of the College, including the expenditure on the Hostels, came to Rs. 2,66,386 during the year under report as against Rs. 2,75,115 during the year 1942-43. In addition to the above expenditure the amount spent on payment of dearness allowance came to Rs. 17,805 during the year under report. The revenue of the College in the form of tuition fees, Hostel rent and miscellaneous receipts amounted to Rs. 1,31,367 as aginst Rs. 1,24,030 during the 1942-43. The gross cost per student for the year under report was Rs. 535 while the net cost worked out at Rs. 271 as compared with the corresponding figures of Rs. 585.4 and Rs. 321.5 respectively, for the year 1942-43. The amount of fees received from the post-graduate students was Rs. 4,605.

Library and Museum.

During the year under report 174 new books were added to the College Library as against 345 in the preceding year. Of these 13 books were presented to the Library by their authors as complimentary copies for which thanks are due to them. 70 Volumes of medical journals were got bound during the year under report. The number of books issued to the medical students was 18,700 as against 13,694 in the preceding year. 3,561 Books and journals were issued to members of the Teaching Staff of the College and Resident Medical Officers of the K. E. M. Hospital. The Gujarati and Marathi Literary Societies of the College presented 6 books to the Library out of the proceeds collected by them from a dramatic performance. The *Ex*-Dean of these institutions, Dr. Jivraj N. Mehta, M.D., M.R.C.P. (Lond.), F.C.P.S. (Bom.), presented one book. Similarly Miss K. A. Dalal, a student of this College, presented one book in memory of her father, the late Seth Amarchand Kalidas Dalal. Our grateful thanks are due to all these donors.

18 New wet and dry specimens were added to the Anatomy Museum during the year under report and 50 old specimens were renewed. A few old specimens which had deteriorated were rejected. The total number of specimens in the Anatomy and Comparative Anatomy Section is over 1,650. The present space in the Museum is found quite inadequate to keep more specimens and provision of further accommodation for this section is now necessary.

A number of specimens which have been collected could not be mounted owing to the difficulty of getting museum jars. Only 5 new specimens were added bringing the total number of specimens in the Pathology Museum to over 1,435. Four more dia-positives have been exhibited in the Museum, their total number being 148 at the end of the year.

In the Artist Department 534 photographs of patients, specimens etc., were taken during the year 1943.

Students' Hostels.

The number of students residing in the Hostel for male Students during the year under report was the same as in the preceeding year *viz.* 146.

The number of women students resident in the Women Students' Hostel during the year under report was also the same as in the previous year *viz.*, 28. Accomodation was provided to 10 more women students in the vacant rooms in the new Nurses' Home. Both the Hostels were thus fully occupied and some of the applications for rooms in the men students' hostel had to be rejected for want of vacancies. An urgent need for the extension of both the Hostels is now keenly felt and the question of adding one more floor to each of the hostel buildings or extending them sideways will have to be considered on the return of normal times.

The total annual expenditure incurred on the Hostels was Rs. 10,678 while the income derived in the form of rent was Rs. 18,018.

Gymkhana.

The College Gymkhana took part as usual in Inter-Collegiate Tournaments during the year under report. In Badmintion the College did well in reaching the Finals in the Inter-Collegiate Tournament with Messrs. Collaco and Kar, but unfortunately they lost the game to the champions. Miss I. Desouza and L. Fonseca reached the Semi-Finals in the Ladies' Doubles. Mr. K. L. Lam secured the first place in the University Swimming Competition.

Our grateful thanks are due to Messrs. May and Baker (India), Ltd., for the presentation of a magnificient shield to our Gymkhana this year.

Research.

The different departments of the College and the Hospital had, in addition to their normal teaching and other work, the following investigations in hand during the year under report:—

(1) Use of bacteriophage in typhoid fever.

(This inquiry is being carried out with the help of a grant from the Seth G. S. Medical College and K. E. M. Hospital Research Fund.)

There has been no unanimity of opinion as regards the usefulness or otherwise of a bacteriophage therapy in cases of typhoid fever. Controlled work on a sufficiently large number of cases is not available. Cases of typhoid fever admitted in the Infectious Diseases Hospital, Arthur Road, are being treated with the specific phage isolated from sewage material. Our thanks are due to the Superintendent of the Hospital for his co-operation in this investigation.

(2) Variation in the Virulence of M. Tuberculosis.

(This enquiry is being conducted under the auspices of the Indian Research Fund Association.)

The question of the virulence of the M-tuberculosis is an intriguing one. From the experiments carried out so far it appears that there is a variation in the virulence of strains of M. tuberculosis isolated from different sources.

(3) Enquiry on "Anaerobic Wound Infections."

(This enquiry is being conducted under the auspices of the Indian Research Fund Association.)

Having determined the incidence of different pathogenic anaerobes in wound infections the investigation is now restricted to the toxic and atoxic strains of Cl. Welchii. The enzymes secreted by these organism are being studied with a view to corelate their presence with the toxicity or atoxicity of different strains.

(4) Bacteriological and Bio-chemical study of the Aroma Producing Micro-organisms in Butter, Curds and other Milk Products.

(This inquiry is being carried out with the help of a grant from the Seth G. S. Medical College and K. E. M. Hospital Research Fund.)

Combination of streptococci and other organisms such as yeasts are being tried to find out whether they would enhance the aroma of these products. Conditions necessary for their optimal action are being worked out.

(5) Enquiry on Indigenous Drugs.

(This enquiry is being carried out under the auspices of the Indian Research Fund Association.)

During the year under report, the research on indigenous drugs was continued for the fifth year. The following drugs were investigated:—

(1) Carica Papaya seeds and Carpasemine (isolated from Carica Papaya seeds.)
(2) Erythrina Indica seeds.
(3) Daemia Extensa leaves.

The chemical nature of Carpasemine was determined and it was found to be benzyl-thiourea. A paper on this work has been published in the Proceedings of the Indian Academy of Sciences, 1943, Vol. XVIII, P. 140. Recently, a number of derivates of thio-urea have been found to have an 'anti-thyroid' action, and so investigations have been undertaken to find out whether carpasemine possesses this action. The work on Erythrina was stopped on account of the resignation of our chemist Dr. Panse who has joined the University Technology Department and no chemist successor for him has been appointed, as the Indian Research Fund Association have discontinued the grant for this enquiry with effect from 1st April 1944. The work on Daemia Extensa is in progress.

Detailed reports on the work on the above drugs have been submitted to the Indian Research Fund Association in the quarterly reports.

(6) Optimum and Minimum requirements of dietary fat.

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

Experiments on Rats.

Young Albine rats were fed on diets containing 5, 12, 19 and 25 per cent. butter fat and on low fat (0.85 per cent fat). Their average growth per week and daily food intake were noted. The rats received a daily supplement of 0.75 gms. dried yeast and once a week one drop of oil containing 100 I.U. vitamin A and D.

In the series of experiments in which the protein and salt intake were equalised in all the groups and only the level of fat in the diet was varying it was observed that the rats fed on 5 per cent butter fat showed a better growth as compared with other rats. An impairment of reproductive power has been observed in rats on low fat diets.

Serum Lipoids in Human Blood.

A number of analysis have been completed. The total lipoids and total fatty acids seem to be unaffected by the amount of fat in the diet.

Experiments to find out changes of serum lipoids in the human subjects have also been undertaken.

(7) Biological Value of Soya Bean and other Pulse Proteins.

(This enquiry is being carried out under the auspices of the Indian Research Fund Association).

Three varieties of Soya bean and Bengal gram Dal Arhar were analysed for their protein contents.

The assay of the biological value of the three varieties of Soyabean received during 1943 as compared with Bengal gram, green gram and dal arhar also received in 1943 was made by the balance method.

The experiments on growth tests for the biological value of the three varieties of Soyabean and Bengal gram are in progress. The poor rice diets, supplemented by the three varieties of the Soyabean and Bengal gram are being analysed in detail for their various constituents. This has been undertaken with a view to investigate the cause of low rate of growth on poor rice diets supplemented by Soyabeans.

(8) The time constants of excitation and accommodation in nerves for exponential currents of different strengths.

(This inquiry is being carried out with the help of a grant from the Municipal Funds).

The above inquiry was started in the year 1943 and the time constants of excitation and accommodation of nerves for exponential currents of different strengths employing sciatic gastro nemius preparations have been determined. The total number of determinations made so far is 25. The inquiry is still in progress.

(9) *The Role of Corpus Luteum in the Maintenance of Vitamin 'C' balance of the body woman.*

(This inquiry is being carried out with the help of a grant from the Municipal Funds).

The above inquiry was continued this year also and the results of several individual samples of urine were examined with a view to estimate the vitamin 'C' excretion during and after menstruation to draw conclusions. The investigation is still in progress.

(10) *Determination of the exact period of ossification of bones amongst Indian school children.*

(This enquiry is being carried out in the Anatomy Department with the help of a grant from the University of Bombay).

The work on this enquiry, which was started in 1941 is in progress.

(11) *Development of body parts of children between 6 and 11 years of age.*

(This enquiry is being carried out in the Anatomy Department with the help of a grant from the Seth G. S. M. College and K. E. M. Hospital Research Fund).

The work on this enquiry is in progress.

Articles on medical subjects were published by the members of the Honorary, Professorial and other staff during the year as mentioned below. The articles published in the College Magazine are not included herein.

Serial No.	Name of the article.	Contributed by.	Name of the Journal publishing it.
1	Liver Function Tests.	Dr. N. D. Patel, M.D., (Lond), M.R.C.P. (Lond).	Indian Physician, July, 1943.
2	Takata-Ara Reaction.	Do.	Do.
3	Allergic Bronchitis with Eosinophilia.	Do.	Indian Physician, September 1943
4	Endemic Typhus Fever in Bombay City.	Do.	Indian Physician, November 1943.
5	Importance of Biopsy in the diagnosis and treatment of Cancer.	Dr. J. L. Desai, D.M.R.E. (Cantab).	Medical Bulletin, June, 1943.
6	Quick Hippuric Acid Test for Liver Function.	Dr. P. Raghavan, M.D. (Bom).	Inidan Physician, July, 1943.
7	Treatment of Coronary Thrombosis.	Dr. R. J. Vakil, M.D., M.R.C.P., (Lond), F.R.F.P.S. (Glassgow).	Medical Bulletin, March, 1944.
8	Typhus Fever in Bombay	Dr. J. C. Patel, M.D., M.R.C.P., Ph.D. (Phys), (Lond).	Indian Physician, September 1943.
9	Role of Anaerobic Streptococci during Pregnancy, Labour and Puerperium.	Dr. B. N. Purandare, M.D. (Bom), F.R.C.S. (Edin).	Medical Bulletin, May, 1943.
10	Medical Treatment of Bleeding after Amenorrhoea.	Do.	Indian Physician, April, 1943.
11	Ectopic Decidual Reaction	Do.	Medical Bulletin, January, 1944.
12	Evolution of the Treatment of Mental Disorders.	Dr. N. S. Vahia, M.D. (Bom).	Indian Physician, October, 1943.
13	A Study of "Carpasemine" isolated from Carica Papaya Seeds.	Prof. A. S. Paranjpe, M.D. (Hiedl), D.T.M. & H. (Lond), and Dr. T. B. Panse, M.Sc., Ph.D.	Proceedings of the Indian Academy of Sciences, Vol. XVIII p. 140, 1943.
14	Recent Advances in Therapeutics as indicated by the 12th 1942 edition of the United States Pharmacopoeia.	Prof. A. S. Paranjpe, M.D. (Hiedl), D.T.M. & H. (Lond).	Indian Physician, Vol. II, p. 225, June, 1943. Indian Physician, Vol. II p. 263, July 1943. Indian Physician, Vol. II, p. 323, September 1943.
15	Review of Pharmacology during 1942.	Do.	Annual Review of Biochemical and Allied Research in India Vol. XIII, 1942.
16	Diro-Filaria Repens Infestation of Dogs.	Prof. R. G. Dhayagude, M.D. (Bom).	Indian Journal of Veterinary Science Vol. XIII June 1943.
17	Autopsy Study of Cerebral Malaria with special reference to Malarial Granuloma.	Prof. R.G. Dhayagude, M.D., (Bom). and Dr. N. M. Purandare, M.B., B.S. (Bom).	Archives of Pathology, December 1943.
18	Studies in Fish Liver Oils, Part I and II.	(1) Prof. S. P. Niyogi, M.Sc., M.B. (Cal). (2) Dr. V. N. Patwardhan, M.Sc., (Bom), Ph.D. (Lond). and, (3) Dr. B. N. Acharya, M.Sc., Ph.D.	Indian Journal of Medical Research, March, 1943.
19	Vitamin D and Rickets.	Dr. V. N. Patwardhan, M.Sc., (Bom), Ph.D., (Lond).	Indian Physician, p. 181, May 1943.
20	Mode of Action of Vitamin D.	Dr. V. N. Patwardhan, M.Sc., (Bom), Ph.D., (Lond). and, Mr. D. R. Sukthankar, M.Sc.	Current Science, p. 79, March 1943.
21	Report on Economic and Nutrition Survey of Gujarati Middle Class Families in Bombay.	Dr. V. V. Shah, M.D. (Bom.)	Gujarati Research Society, 19 43
22	Weil's Disease or Leptospirosis in Bombay.	Do.	Indian Physician, April, 1943.

Special classes for D. O. ad D.O.M.S. were held during the year as in previous years.

The Co-operative Credit Society Ltd.

The Co-operative Credit Society of the labour staff of the Hospital and the College worked satisfactorily and continued to be in 'A' class in the classification of the Registrar of Co-operative Societies. The total number of members on the roll at the end of March 1944 was 345 against 248 on the corresponding date of the previous year. One hundred and twenty four new members joined the Society and 27 left it during the period owing to death and termination of service.

The share capital of the Society increased from Rs. 13,472-8-0 to Rs. 17,658-5-0. The amount of loans granted amounted to Rs. 24,183 and of the loans refunded to Rs. 21,654-8-0. The average amount of the loan granted comes to Rs. 125. The Society holds no deposits from outsiders.

During the year the Society started a grain shop for the benefit of its members which was closed when the Municipal grain shops were opened for the labour staff.

The Society held its last Annual General meeting on 15th October 1943 and declared a dividend of 6¼ per cent. for the year ending 30th June 1943. The net profit during the year ending 30th June, 1943 amounted to Rs. 1,189-4-0. The Reserve Fund of the Society on 31st March 1944, stands at Rs. 2,010-11-6 and the total of other funds at Rs. 1,222-0-6.

The accounts of the Society have been checked by the Government Auditor upto 30th April 1944.

R. P. KOPPIKAR
Dean.

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APPENDIX No. 1.

THE COLLEGE AND HOSPITAL SENIOR STAFF.

Dean.

JAL PESTONJI PADSHAH, ESQ., M.D. (Lond.), F.C.P.S. (Bom.), upto 10th April 1943.
R. P. KOPPIKAR, ESQ., M.S. (Bom.), F.C.P.S. (Bom.). From 11th April 1943.

Assistant Dean.

V. V. JADHAV, ESQ., M.B.B.S. (Bom.).

Assistant Medical Officers.

V. H. MAJMUDAR, ESQ., B.SC., M.B.B.S. (Bom.).
S. V. JOGLEKAR, ESQ., M.B.B.S. (Bom.)

Professor of Anatomy.

R. P. KOPPIKAR, ESQ., M.S., F.C.P.S. (Bom.).

Assistant Professor of Anatomy.

G. M. KURULKAR, ESQ., M.B.B.S. (Bom.).

Professor of Physiology.

S. P. NIYOGI, ESQ., M.SC., M.B. (Cal.).

Assistant Professor of Bio-chemistry.

V. N. PATWARDHAN, ESQ., M.SC. (Bom.), Ph. D. (Lond.), A.I.I.SC.

Assistant Professor of Physiology.

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Professor of Pharmacology and Materia Medica.

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Professor of Pathology and Bacteriology.

R. G. DHAYAGUDE, ESQ., M.D. (Bom.).

Assistant Professors of Pathology and Bacteriology.

B. M. AMIN, ESQ., M.D. (Bom.)
Y. M. BHENDE, ESQ., M.D. (Bom.)

Honorary Physicians and Lecturers in Medicine.

N. D. PATEL, ESQ., M.D. (Lond.), M.R.C.P. (Lond.).
N. K. SAHIAR, ESQ., M.D. (Lond.), M.R.C.P. (Lond.).
ABDUL HAMEED, ESQ., M.D. (Bom.).
MANGALDAS J. SHAH, ESQ., M.B.B.S. (Bom.), M.R.C.P. (Lond.), D.T.M. & H. (Lond.).
P. RAGHAVAN, ESQ., M.D. (Bom.). from 1st December 1943.

Honorary Assistant Physicians and Lecturers in Medicine.

R. J. VAKIL, ESQ., M.D. (Lond.), M.R.C.P. (Lond.), F.R.F.P.S.
J. C. PATEL, ESQ., M.D. (Bom.), M.R.C.P. (Lond.).
E. R. DEMELLO, ESQ., M.D. (Bom.).

Honorary Surgeons and Lecturers in Surgery.

R. N. COOPER, ESQ., M.S., (Lond.), F.R.C.S. (Eng.), F.C.P.S. (Bom.).
T. O. SHAH, ESQ., L.M. & S. (Bom.), F.R.C.S. (Eng.), F.C.P.S. (Bom.). upto 30th June 1943.
V. M. KAIKINI, ESQ., B.A., M.B.B.S. (Bom.), F.R.C.S. (Edin.), F.C.P.S. (Bom.).
A. V. BALIGA, ESQ., F.R.C.S. (Eng.).
K. G. MUNSIF, ESQ., M.B.B.S. (Bom.), F.R.C.S. (Eng.).
G. M. PHADKE, ESQ., M.B.B.S. (Lond.) F.R.C.S. (Eng.)
M. M. PANDYA, ESQ., M.B.B.S. (Bom.), F.R.C.S. (Eng.) from 1st July 1943.

Honorary Assistant Surgeons and Lecturers in Surgery.

M. M. Pandya, Esq., M.B.B.S. (Bom.), F.R.C.S. (Eng.). upto30th June 1943.
Arthur E. DeSa, Esq., M.B.B.S., (Bom.), F.R.C.S. (Eng.).
S. H. Chitnis, Esq., M.B.B.S., M.S. (Bom.).
R. G. Ginde, Esq., M.B.B.S., M.S., (Bom.).
P. K. Sen, Esq., M.B.B.S., M.S. (Bom.)
R. H. Karmarkar, Esq., M.B.B.S. (Bom.), F.R.C.S. (Eng.). from 16th August 1943.

Honorary Orthopaedic Surgeon.

R. J. Katrak, Esq., B.A., B.Sc., (Bom.), F.R.C.S. (Eng.), M.Ch. Orthopaedics (Liverpool).

Honorary Assistant Orthopaedic Surgeon.

A K. Talwalkar, Esq., F.R.C.S. (Eng.).

Honorary Aural Surgeon and Lecturer in Ear, Nose and Throat.

Homi D. Gandhi, Esq., M.B.B.S.(Bom.), F.R.C.S. (Eng.).

Honorary Assistant Aural Surgeon.

S. G. Joshi, Esq., M.S. (Bom.).

Honorary Gynaecologists and Lecturers in Gynaecology and Obstetrics.

Miss P. C. Daroowalla, M.D. (Bom.).
Sir Mangaldas V. Mehta, Kt., O.B.E., B.A., F.C.P.S.I., F.C.P.S., F.R.C.O.G., (Lond.), Ex-Officio Honorary Lecturer in Obstetrics.
K. M. Masani, Esq., M.D. (Lond.), F.R.C.S. (Eng.).

Honorary Assistant Gynaecologist.

B. N. Purandare, Esq., M.D. (Bom.), F.R.C.S. (Edin.).

Honorary Ophthalmic Surgeons and Lecturers in Ophthalmology.

S. N. Cooper, Esq., M.B.B.S., D.O. (Bom.), D.O. (Oxon), D.O.M.S. (Lond.).

Honorary Assistant Ophthalmic Surgeon.

C. B. Dhurandhar, Esq., D.O. (Bom.)

Honorary Radiologist and Lecturer in Radiology and Electro-therapy.

J. L. Desai, Esq., M.B.B.S. (Bom), D.M.R.E. (Cantab.).

Honorary Assistant Radiologist.

Z. J. Joseph, Esq., M.D. (Bom.), D.M.R.E. (Cantab.).

Honorary Anaesthetist and Lecturer in Anaesthesia.

Moksha Madan Desai, Esq., D.A. (Eng.).

Honorary Dental Surgeon and Lecturer in Dentistry.

D. M. Desai, Esq., L.D.S., R.C.S. (Eng.).

Honorary Assistant Dental Surgeon.

J. A. Avasia, Esq., L.D.S., R.C.S. (Eng.).

Honorary Dermatologist and Venereologist and Lecturer in Dermatology and Venereology.

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J. A. Fernandez, Esq., L.R.C.P. (Lond.), M.R.C.S. (Eng.), M.R.C.P. (Edin.).

Honorary Lecturer in Medical Jurisprudence and Toxicology.

V. V. Jadhav, Esq., M.B.B.S. (Bom.).

Honorary Lecturer in Hygiene and Preventive Medicine.

B. C. Das-Gupta, Esq., B.Sc. (Hon.), (Cal.), M.B. (Cal.), M.R.C.P. (Ireland), D.T.M. & H. (Lond.), D.P.H. (Lond.).

Honorary Lecturer in Psychiatry.

K. A. J. Lalkaka, Esq., M.B.B.S. (Bom.).

APPENDIX No. 2.

Summary of in-patients treated at the K. E. M. Hospital during the year 1943 classified according to sex, age and departments with results.

Department.	Sex.	In Hospital on midnight of 31-12-42.	Admitted during the year.	Total.	Discharged during the year.	Died during the year.	In Hospital on midnight of 31-12-43.
Medical ...	Male ...	142	4,695	4,837	3,946	738	153
	Female ...	39	1,009	1,048	799	212	37
	Children—						
	Male ...	10	253	263	196	56	11
	Female ...	8	179	187	129	53	5
Surgical ...	Male ...	107	3,402	3,509	3,130	275	104
	Female ...	26	688	714	601	76	37
	Children—						
	Male ...	8	203	211	177	27	7
	Female ...	2	90	92	74	14	4
Ophthalmic ...	Male ...	21	492	513	496	1	16
	Female ...	12	255	267	261	...	6
	Children—						
	Male ...	...	27	27	26	...	1
	Female ...	1	17	18	17	1	...
Gynaecological ..	Female ...	31	718	749	698	20	31
	Children—						
	Female ...	...	3	3	2	1	...
Aural ...	Male ...	10	612	622	598	13	11
	Female ...	1	343	344	338	3	3
	Children—						
	Male ...	2	232	234	230	4	...
	Female ...	...	207	207	203	3	1
Orthopaedic ...	Male ...	23	692	715	628	45	42
	Female ...	10	144	154	132	12	10
	Children—						
	Male ...	4	68	72	70	1	1
	Female ...	1	35	36	33	2	1
Skin ...	Male ...	18	359	377	349	9	19
	Female ...	4	54	58	54	1	3
	Children—						
	Male ...	1	14	15	14	1	...
	Female ...	...	13	13	9	...	4
Dental ...	Male ...	...	...	...	...	...	...
	Female ...	...	...	...	...	...	...
	Children ...	...	...	...	...	...	...
Total	Male ...	321	10,252	10,573	9,147	1,081	345
	Female ...	123	3,211	3,334	2,883	324	127
	Children—						
	Male ...	25	797	822	713	89	20
	Female ...	12	544	556	467	74	15
GRAND TOTAL ...		481	14,804	15,285	13,210	1,568+ 3 still born	507

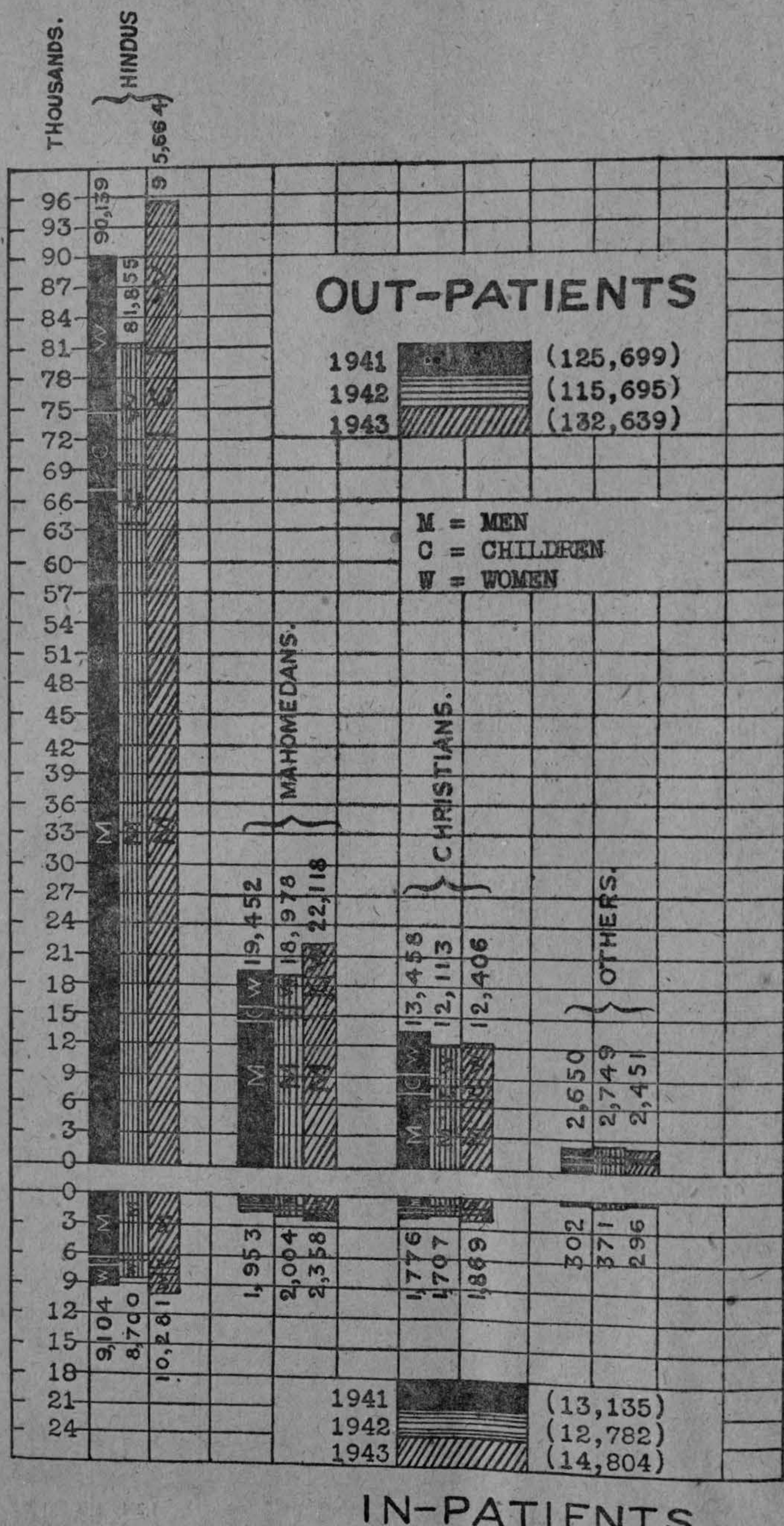
APPENDIX No. 3.

Summary of out-patients classified according to departments for the year 1943.

Department.	Sex.	O. P. D. new cases.	Casualty cases	Total of O. P. D. and Casualty cases.	Old cases	Grand Total.
Medical ...	Male ...	26,444	3,579	30,023	57,920	87,943
	Female ...	6,813	709	7,522	25,209	32,731
	Children—					
	Male ...	2,070	220	2,290	2,469	4,759
	Female ...	1,606	155	1,761	1,854	3,615
Surgical ...	Male ...	15,446	16,206	31,652	70,986	1,02,638
	Female ...	3,055	1,836	4,891	23,598	28,489
	Children—					
	Male ...	1,079	919	1,998	2,218	4,216
	Female ...	616	353	969	1,700	2,669
Ophthalmic ...	Male ...	6,263	2,046	8,309	15,066	23,375
	Female ...	1,402	64	1,466	8,568	10,034
	Children—					
	Male ...	390	13	403	901	1,304
	Female ...	322	12	334	802	1,136
Gynaecological ...	Female ...	3,163	151	3,314	12,144	15,458
	Female (children) ...	4	...	4	...	4
Dental ...	Male ...	4,791	46	4,837	2,919	7,756
	Female ...	1,552	17	1,569	2,540	4,109
	Children—					
	Male ...	230	2	232	557	789
	Female ...	149	3	152	483	635
Skin and Venereal ...	Male ...	14,886	263	15,149	49,730	64,879
	Female ...	1,829	44	1,873	21,048	22,921
	Children—					
	Male ...	803	19	822	1,908	2,730
	Female ...	672	9	681	1,428	2,109
Aural ...	Male ...	3,985	409	4,394	9,038	13,432
	Female ...	1,675	77	1,752	6,938	8,690
	Children—					
	Male ...	714	90	804	1,204	2,008
	Female ...	570	68	638	928	1,566
Orthopaedic ...	Male ...	2,031	1,348	3,379	10,977	14,356
	Female ...	393	266	659	3,729	4,388
	Children—					
	Male ...	329	218	547	887	1,434
	Female ...	132	83	215	748	963
		1,03,414	29,225	1,32,639	3,38,497	4,71,136

APPENDIX No. 4.

Chart illustrating Summary of patients according to Sex, Age and Caste.



Figures in brackets represent total number of patients in the years 1941, 1942 and 1943 respectively.

APPENDIX No. 5.

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1943.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Infectious etc., Diseases.									
1. Measles ...	...	11	11	4	1	6	...	...	31
2. Whooping cough ...	...	1	1	...	1	...	...	...	34
3. Influenza ...	...	123	123	65	39	19	...	...	1,176
4. Influenzal pneumonia	...	...	...	...	...	...	...	...	...
5. Erysipelas ...	...	6	6	3	...	1	2	...	7
6. Other infectious etc. diseases ...	24	691	715	208	227	87	168	25	3,146
7. Tuberculosis–pulmonary	6	215	218	4	40	109	59	6	908
8. Tuberculosis-other forms ...	25	325	350	37	133	84	67	29	1,182
9. Syphilis ...	6	194	200	31	129	29	2	9	4,425
10. Gonococcal infection	1	46	47	7	30	8	...	2	1,809
11. Soft Chancre ...	2	9	11	1	8	1	...	1	674
12. Septicaemia ...	...	20	20	1	2	...	17	...	9
13. Pyaemia ...	2	39	41	6	23	1	10	1	28
13a. Enteric fever ...	4	179	183	90	23	12	45	13	586
13b. Malaria ...	9	874	883	310	433	92	37	11	7,174
Neoplasms.									
14. Carcinoma ..									
15. Sarcoma ...									
16. Other or not defined Malignant diseases	9	187	196	25	50	58	55	8	304
17. Non-malignant tumours etc. ...	13	176	189	113	35	24	6	11	508
Rheumatism etc.									
18. Rheumatic fever ...	...	19	19	3	9	6	...	1	448
19. Acute Rheumatism ...									
20. Chronic or undefined rheumatism ...	8	99	107	18	60	20	1	8	995
21. Gout ...	...	1	1	...	1	...	...	...	...
22. Fibrositis ...	...	4	4	1	3	...	...	...	327
23. Lumbago, myalgia ...	1	15	16	3	9	4	...	...	623
24. Blood diseases ...	18	279	297	39	130	46	62	20	1,376
Nervous System etc.									
25. Meningitis ...	2	69	71	2	5	31	31	2	49
26. Tabes dorsalis ...	...	...	...	...	...	...	...	...	...
27. Cerebral Haemorrhage	...	12	12	...	...	1	11	...	4
28. Embolism ...	...	...	...	...	...	...	...	...	...
29. Thrombosis ...	...	...	...	...	...	...	...	...	...
29A. Paralysis from acute poliomyelitis ...	...	...	...	...	...	...	...	...	...
30. General paralysis of the insane ...	...	...	...	...	...	...	...	...	...
31. Paralysis agitans ...	...	4	4	1	...	2	...	1	9

APPENDIX No. 5.—*contd.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1943.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged.				Remaining.	
				Cured.	Relieved	Otherwise.	Died.		
32. Other paralysis ...	7	106	113	7	37	41	19	9	343
33. Other insanity ...	...	...	...	...	...	...	...	...	1
34. Epilepsy ...	2	18	20	3	12	4	1	...	74
35. Idiocy ...	...	2	2	1	...	1	...	...	6
36. Imbecility ...	...	...	...	...	...	...	...	...	...
37. Disseminated Sclerosis	1	5	6	...	1	1	2	2	1
38. Neuritis ...	...	...	...	...	...	...	...	...	...
39. Neuralgia ...	1	21	22	3	9	9	...	1	346
40. Sciatica ...	1	9	10	2	4	4	...	...	45
41. Other diseases of the nervous system ...	9	125	134	20	40	48	20	6	630
Total diseases of the nervous system ...	23	371	394	39	108	142	84	21	1,508
42. Diseases of the Eye ...	32	747	779	533	160	65	...	21	6,307
Circulatory System.									
43. Valvular heart disease	18	219	237	14	96	32	85	10	242
44. Myocardial disease ...	5	71	76	2	45	11	14	4	176
45. Other heart disease ...	2	25	27	1	13	6	7	...	24
46. Aneurysm ...	...	17	17	...	2	10	4	1	34
47. Arterio-sclerosis ... } 48. Hypertension ... }	2	26	28	1	15	6	6	...	54
49. Gangrene ...	...	...	...	...	...	...	...	...	...
50. Diseases of the vein (non-puerperal) ...	...	4	4	1	3	...	...	...	27
51. Other diseases of the circulatory system ...	2	49	51	11	14	13	12	1	98
Total diseases of the circulatory system	29	411	440	30	188	78	128	16	655
Ear, Nose and Throat Diseases.									
52. Enlarged tonsils and adenoids ...	...	952	952	348	573	26	...	5	1,780
53. to 55 Coryza and Rhinitis and Catarrh ...	1	87	88	49	33	5	...	1	716
56. Others ...	4	242	246	82	141	15	5	3	3,081
Respiratory System.									
57. Bronchitis actue ... } 58. Do. chronic ... } 59. Do. not stated ... }	...	128	128	44	54	23	4	3	2,594
60. Lobar pneumonia ...	8	265	273	185	20	5	59	4	156
61. Broncho-pneumonia ...	4	163	167	60	36	10	58	3	194
62. Pneumonia, other or not stated ...	13	665	678	376	144	28	99	31	1,141
63. Pleurisy ...	5	97	102	14	61	17	4	6	260
64. Empyema ...	...	22	22	3	3	4	9	3	23
65. Asthma ...	1	107	108	7	76	14	9	2	1,083
66 Hay Fever ...	...	...	...	...	...	...	...	...	...
67. Other diseases of respiratory system ...	10	119	129	16	51	14	41	7	324
Total diseases of the Respiratory system	41	1,566	1,607	705	445	115	283	59	5,775

APPENDIX No. 5—*contd.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1943.

Names of diseases.	IN-PATIENTS								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Digestive System etc.									
68. Ulcer, stomach ...	3	89	92	9	41	34	5	3	439
69. Ulcer, duodenum ...	2	74	76	11	36	20	7	2	68
70. Chronic dyspepsia ...	1	29	30	4	15	10	...	1	1,275
71. Diarrhoea ...	5	220	225	83	72	24	43	3	1,220
72. Enteritis ...	1	52	53	15	14	8	15	1	173
73. Appendicitis ...	8	227	235	93	101	25	6	10	364
74. Hernia ...	4	205	209	144	43	6	10	6	425
75. Intestinal obstruction... actue 76. Do. chronic ... 77. Do. not stated ...	2	33	35	11	16	4	4	...	76
78. Stasis ...	...	...	...	...	...	...	...	...	...
79. Constipation ...	...	21	21	3	16	1	...	1	707
80. Cirrhosis of liver ...	5	102	107	16	44	22	20	5	299
81. Biliary calculi ...	...	3	3	...	1	2	...	...	1
82. Other diseases of the digestive system ...	15	673	688	210	278	94	82	24	9,859
Total diseases of the digestive system ...	46	1,728	1,774	599	677	250	192	56	14,906
82.A Diseases of Lymphatic System ...	4	55	59	20	28	9	1	1	476
82.B Diseases of Thyroid glands ...	1	34	35	10	12	9	1	3	44
Genito-Urinary System.									
83. Nephritis—acute ...	8	82	90	21	25	19	17	...	123
84. Nephritis—chronic ...	1	2	3	1	...	1	1	...	3
85. Nephritis—not stated.	...	...	...	...	...	...	...	...	...
86. Other diseases of kidney ...	6	232	238	44	145	30	15	4	383
87. Diseases of bladder ...	...	16	16	7	5	2	1	1	76
88. Urinary calculi ...	...	11	11	2	6	1	...	2	23
89. Diseases of prostate (non-malignant) ...	6	19	25	10	9	2	2	2	46
90 Stricture of urethra ...	...	18	18	6	9	3	...	...	47
91. Other diseases of urinary organs ...	1	60	61	17	33	10	...	1	227
92. Non-venereal diseases of genital organs Male	16	339	355	210	112	18	2	13	2,227
Do. Do. Female	22	502	524	189	121	187	7	20	2,117
Total—diseases of the genito-urinary system	60	1,281	1,341	507	465	273	45	51	5,272
Pregnancy, parturition.									
93. Abortion, pregnancy etc. ...	1	77	78	44	13	17	1	3	463
94. Ante-natal cases, confinement, post-natal cases ...	...	...	...	...	...	...	...	...	...
Skin, Bones, etc.									
95. Boil ...	1	32	33	13	16	3	...	1	987
96. Carbuncle ...	1	17	18	8	8	...	2	...	26
97. Abscess ...	6	237	243	98	115	13	9	8	1,704
98. Ulcer ...	5	95	100	22	56	15	2	5	1,459
99. Bed-sore ...	...	...	...	...	...	...	...	...	...

APPENDIX No. 5—*contd.*

Summary of patients treated in the K. E. M. Hospital according to diseases for the year 1943.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged				Remaining.	
				Cured.	Relieved.	Otherwise	Died.		
100. Eczema ...	...	3	3	...	3	...	...	...	90
101. Scabies ...	...	46	46	17	20	4	...	5	5,462
102. Other diseases of Skin and Cellular Tissue ...	12	320	332	79	187	30	23	13	6,111
103. Diseases of bones	8	101	109	16	69	14	6	4	366
103*a* Diseases of joints ...	2	47	49	6	26	10	3	4	234
103*b* Diseases of muscles	...	6	6	1	5	...	...	...	95
104. Congenital malformations ...	2	39	41	13	12	9	1	6	111
Others.									
109. Rickets ...	1	5	6	1	4	...	1	...	144
109*a* Scurvey ...	...	11	11	6	5	...	...	...	14
109*b* Pellagra ...	2	11	13	7	2	2	2	...	14
110. Diabetes ...	2	21	23	3	15	3	2	...	50
111. Senile decay ...	...	...	...	...	...	...	...	...	...
111*a* General debility ...	1	62	63	7	22	23	8	3	816
112. Senile dementia ...	...	...	...	...	...	...	...	...	...
112.A Poisoning ...	3	242	245	141	77	7	17	3	2,808
Violence (1) Fractures.									
113. Skull, vault and/or base	...	73	73	4	4	1	64	...	72
114. Lower jaw ...	...	...	...	...	...	...	...	...	...
115. Other facial bone ...	1	24	25	3	19	2	...	1	90
116. Spinal column (other than sacrum and Coccyx) ...	2	93	95	2	61	24	4	4	127
117. Sacrum ...	...	...	...	...	...	...	...	...	...
118. Coccyx ...	...	...	...	...	...	...	...	...	...
119. Ribs, sternum ...	...	35	35	1	24	8	2	...	245
120. Clavicle ...	1	13	14	...	9	3	...	2	162
121. Scapula ...	...	4	4	...	3	1	...	...	14
122. Humerus ...	2	65	67	4	56	6	...	1	366
123. Radius and ulna ...	2	104	106	4	88	8	2	4	1,127
124. Carpal bones ... } 125. Metacarpal phalanges of fingers ... }	1	32	33	3	26	2	...	2	354
126. Pelvis (other than sacrum and coccyx)	...	24	24	...	17	3	2	2	30
127. Femur ...	16	187	203	4	142	32	15	10	348
128. Patella ...	1	29	30	2	22	4	1	1	61
129. Tibia and/or fibula ...	5	126	131	3	110	11	4	3	334
130. Tarsal bones ... } 131. Metatarsal and Phalanges of toes }	...	45	45	...	41	4	...	...	202
131*a*. Other injuries ...	37	1,543	1,580	475	758	181	127	39	25,582
Total—No. of patients treated for fractures	68	2,397	2,465	505	1,380	290	221	69	29,114
132 **(2) Others** Other ill-defined diseases. No diseases—i. N.A.D. ...	...	21	21	8	3	10	...	...	614
ii. Others. N.Y.D. ...	...	27	27	4	10	12	...	1	15,667
Grand Total ...	481	14,804	15,285	4,890	6,264	2,056	1,568+ still born 3	507	1,32,639

APPENDIX No. 6

Statement showing classification according to principal sites, of in-patients suffering from Tuberculosis treated in the K. E. M. Hospital during the year 1943.

	Respiratory system.	Brain and spinal cord.	Intestines and peritoneum etc.	Genito-urinary system.	Bones and Joints.				* Glands.	Generalised.	Others.	Total.	Remarks.
					Spine.	Hip.	Knee.	Others					
Discharges ...	145	2	51	5	43	11	9	35	38	4	11	354	
Deaths ...	56	17	26	...	3	...	...	2	...	3	3	110	
Total ...	201	19	77	5	46	11	9	37	38	7	14	464	

* Excluding abdominal, mediastinal etc., glands which are included in the intestines and respiratory system.

APPENDIX No. 7

Malignant Neoplasms classified according to Type of growth, Sex and Age, Discharges and Deaths during the year 1943.

Type of growth.	Sex.	Age Group. 0 years.	15 years.	25 years.	35 years.	45 years.	55 years.	65 years.	75 years.	85 years.	Results. Discharges.	Deaths.	Total.	Remarks
Carcinoma ...	Male ...	...	...	4	11	17	20	6	1	...	39	20	59	
	Female ...	...	...	4	7	22	8	10	...	1	41	11	52	
Sarcoma ...	Male ...	...	3	5	3	3	...	1	...	...	12	3	15	
	Female ...	...	2	..	1	1	...	...	...	...	4	...	4	
Rodent ulcer ...	Male ...	...	...	...	...	...	...	1	...	...	1	...	1	
	Female. ...	...	...	...	...	...	...	...	...	...	...	...	...	
Undefined ...	Male ...	...	...	2	2	4	1	1	...	...	6	4	10	
	Female ...	...	1	...	...	...	...	...	...	...	1	...	1	
Total	Male ...	...	3	11	16	24	21	9	1	...	58	27	85	
	Female ...	...	3	4	8	23	8	10	...	1	46	11	57	
Grand Total ...		...	6	15	24	47	29	19	1	1*	104	38	142	

APPPENDIX No. 8.

Malignant Neoplasms—(Discharges and deaths, classified according to site and sex) for the year 1943.

Site of growth.	Male.	Female.	Totals. Discharges. Male.	Discharges. Female.	Expired. Male.	Expired. Female.	Remarks.
Alimentary tract above stomach ...	10	3	6	2	4	1	
Stomach ...	15	2	8	1	7	1	
Intestines ...	4	4	3	2	1	2	
Rectum ...	1	...	...	...	1	...	
Anus ...	...	...	...	...	...	...	
Respiratory system ...	11	3	9	...	2	3	
Prostate ...	1	...	...	...	1	...	
Bones and others ...	43	7	32	7	11	...	
Female generative organs—							
Above uterus ...	...	3	...	3	...	...	
Uterus ...	...	3	...	3	...	...	
Below uterus ...	...	12	...	10	...	2	
Breast ...	...	15	...	14	...	1	
Other sites ...	...	5	...	4	...	1	
Discharges ...	...	...	58	46	...	...	
Deaths ...	...	...	...	...	27	11	
Total ...	85	57	142				

APPENDIX No. 9

Statement showing Fracture cases treated in the K. E, M. Hospital during the year 1943.

Nature of fracture.	Simple.	Compound.	Pathological.	Total	Operative reduction.	Complications with				Cases with end results					
						Joints.	Nerves	Vessels	Others	Good.	Fair.	Bad.	Died.	Could not be Traced	Total
Acetabulum ...	3	...	...	3	...	...	...	...	...	2	1	...	...	...	
Calcaneous ...	20	1	...	21	...	...	...	...	...	5	13	3	...	...	
Carpals & phalanges	10	44	...	54	...	...	...	10	...	23	21	10	...	...	
Clavicle ...	3	3	...	6	...	...	...	...	...	6	...	...	...	...	
Collesis ...	9	3	...	12	...	...	...	...	...	9	3	...	...	...	
Femur ...	152	6	3	161	10	...	...	...	...	94	45	...	7	15	
Humerus ...	60	5	...	65	...	...	1	...	...	...	42	17	2	4	
Malleolus ...	2	1	...	3	1	...	...	...	...	3	...	...	...	...	
Mandible ...	3	4	...	7	...	...	...	...	1 osteomyelitis	5	2	...	...	...	
Maxilla ...	1	...	...	1	1	...	...	...	...	...	1	...	...	...	
Multiple ...	17	7	...	24	...	...	...	...	4 intra-abdominal complications 1 T.B. Lung.	7	5	1	11	...	
Oleeranon ...	5	2	...	7	4	...	...	...	...	4	3	...	...	...	
Patella ...	26	...	...	26	11	...	...	...	2 post operative sepsis	13	10	1	1	1	
Pelvis ...	24	2	...	26	...	...	...	...	4 rupture urethra	15	7	2	2	...	
Pott's ...	16	2	...	18	...	...	...	...	...	12	4	1	...	1	
Radius ...	9	3	...	12	5	...	...	...	...	8	3	1	...	...	
Radius and Ulna ...	28	14	...	42	6	...	...	...	2 osteomyelitis	22	15	3	1	1	
Ribs ...	18	...	...	18	...	...	...	...	6 surgical emphysema 1 intra-thoracic haemorrhage	16	...	...	1	1	
Scapula ...	2	1	...	3	...	...	...	...	...	3	...	...	...	...	
Spine ...	81	...	...	81	...	...	...	...	8 paraplegia	41	16	5	2	17	
Tibia ...	10	13	...	23	...	...	...	...	...	17	5	...	...	1	
Tibia and Fibula ...	33	32	...	65	...	2	...	...	2 head injuries	35	24	4	2	...	
Ulna ...	3	7	...	10	...	...	...	...	...	9	1	...	...	...	
Total ...	535	150	3	688	38	2	1	10	31	349	221	48	29	41	

APPENDIX No. 10.

Statement showing Head Injuries and Fractures of the skull treated in the K. E. M. Hospital during the year 1943.

PARTICULARS.	OPERATED					NON-OPERATED					Grand total.
	Cured.	Relieved.	Otherwise.	Died.	Total	Cured.	Relieved.	Otherwise.	Died.	Total	
C.L.W. Scalp with concussion	54	51	3	...	108	28	34	3	...	65	173
Concussion ...	...	...	...	...	...	57	92	30	3	182	182
Fracture skull & vault ...	3	2	1	...	6	...	2	...	...	2	8
Depressed fracture skull ...	6	2	...	3	11	...	2	2	...	4	15
racture base skull ...	...	...	...	2	2	2	3	1	19	25	27
Laceration of brain ...	...	...	...	...	...	...	...	...	14	14	14
Contusion brain ...	...	...	...	...	...	...	...	...	...	...	...
Intra-cranial haemorrhage ...	...	...	...	...	...	...	...	...	26	26	26
Total ...	63	55	4	5	127	87	133	36	62	318	445

APPENDIX No. 11.

Statement of diseases of female generative organs treated in the K. E. M. Hospital during the year 1943.

Names of diseases.	IN-PATIENTS.								Out-patients and casualty cases.
	Remained.	Admitted.	Total.	Discharged.				Remaining.	
				Cured.	Relieved.	Otherwise.	Died.		
Inflamatory.									
Endo-metritis ...	...	19	19	5	6	6	1	1	106
Cervicitis-endocervicitis ...	...	5	5	1	3	1	...	...	2
Salphingitis, Oophoritis and salpingo-oophoritis ...	8	95	103	36	41	19	3	4	226
Vaginitis ...	1	20	21	12	1	7	...	1	106
Vulvitis ...	...	...	...	...	...	...	...	...	...
Elephantiasis, vulva ...	...	...	...	...	...	...	...	...	...
Bartholomitis & abscess ...	...	12	12	8	3	1	...	...	17
Acute and sub-acute pelvic inflammation ...	...	7	7	...	3	3	1	...	19
Pelvic abscess }	...	1	1	1	...	...	...	...	1
Pelvic cellulitis (non-puerperal) ... }		2	2	...	1	1	...	...	26
Pelvic cellulitis (puerperal)	...								
Laceration and Displacements									
Laceration of cervix ...	...	3	3	3	...	...	...	...	2
Uterine displacements									
Chronic uterine inversion ... }	3	106	109	63	10	27	1	8	642
Prolapse ... }	...	...	...	...	...	...	...	...	...
Fistula urinary ...	1	13	14	9	2	...	1	2	15
Fistula-rectal ...									
Functional.									
Amenorrhoea ...	...	3	3	1	...	2	...	...	158
Dysmenorrhoea ...	1	16	17	4	5	8	...	...	101
Menorrhagia ...	2	25	27	13	5	9	...	...	71
Metropathia haemorrhagica	3	31	34	10	20	3	...	1	51
Sterility }	3	119	122	10	15	96	...	1	378
Menopause }		1	1	...	...	1	...	...	177
Other functional diseases	...	...	...	...	...	...	...	...	...
Fibro-myoma uterus ...	...	...	...	...	...	...	...	...	...
Fibro-myoma other situations	...	48	48	30	6	8	1	3	121
Abortion ...	...	7	7	5	...	2	...	...	7
Ectopic gestation ...	1	18	19	8	4	7	...	...	347
Pregnancy & others ...									
Grand Total ...	23	551	574	219	125	201	8	21	2,513

Note.—New growths, non-malignant and malignant, have been shown in Appendix No. V under Neoplasms Nos. 16 and 17.

APPENDIX No. 12.

Classification of Operations performed in the Surgical Department during the year 1943.

Name of Operation.	IN-PATIENTS. Remaining as per last report.	No. of Operations. Principal.	No. of Operations. Secondary.	No. of Operations. Total.	No. of patients operated on.	Result. Cured.	Result. Relieved.	Result. Discharged otherwise.	Result. Died.	Remained under treatment.	Outdoor patients operated on.
Excision of benign neoplasms ...	3	32	...	32	32	26	8	...	1	...	76
Removal of malignant neoplasms ...	2	5	1	6	5	4	2	...	1	...	...
Removal of mixed tumours ...	...	...	...	...	...	...	...	...	...	...	2
Removal of granulation tissue tumours ...	...	5	2	7	5	2	3	...	...	...	10
Removal of scar tissue growths ...	...	4	2	6	4	...	4	...	...	...	10
Removal of retention cysts ...	...	9	1	10	9	4	5	...	...	...	206
Removal of congenital cysts ...	...	5	...	5	5	3	2	...	...	...	25
Removal of parasitic cysts ...	...	...	...	...	...	...	...	...	...	...	24
Removal of distention cysts ...	...	1	...	1	1	...	1	...	...	...	...
Removal of lymphatic cysts	1	1	...	1	1	1	1	...	...	...	...
Electro-cautery	...	1	2	3	1	...	1	...	...	...	5
Application of radium needles ...	...	3	2	5	3	...	3	...	...	...	...
Incision evacuation and drainage of abscesses	16	362	73	435	362	134	186	14	33	11	1,812
Aspiration of fluids from joints, abscesses, etc.	2	45	10	55	45	13	27	4	2	1	303
Tapping of hydrocele	...	2	1	3	2	1	1	...	...	...	819
Tapping of Ascitis	...	1	...	1	1	...	...	...	1	...	...
Tapping of thorax for pleural fluids ...	...	2	2	4	2	...	...	1	1	...	...
Incisions for cellulitis, carbuncles, etc. ...	1	30	3	33	30	9	15	...	6	1	43
Excision of corns, cicatrix, bursae, etc. ...	6	42	3	45	42	13	19	11	3	2	267
Excision of lacerated tissues	15	155	26	181	155	69	70	6	20	5	35
Excision of fistulae	...	3	...	3	3	3	...	...	...	...	1
Scraping of sinuses, etc.	...	15	3	18	15	3	9	1	...	2	45
Suturing of wounds	2	331	51	382	331	90	205	12	14	12	41
Removal of foreign bodies from tissues ...	1	3	...	3	3	1	1	2	...	...	140
Skin grafting	4	40	80	120	40	22	20	...	1	1	10
Plastic operations	3	24	14	38	24	11	13	2	1	...	10
Operations on joints	1	19	8	27	19	2	14	...	3	1	7
Amputations	4	51	14	65	51	21	24	1	7	2	28
Osteotomy	4	19	14	33	19	1	20	2	...	...	2
Other operations on bones	6	54	10	64	54	16	37	1	5	1	52
Setting of fractures	19	500	383	883	500	19	450	19	16	15	279
Injections into piles, ganglion, nerves, etc. ...	1	2	...	2	2	1	2	...	...	...	413
Thyroidectomy partial	...	13	...	13	13	5	5	1	...	2	...
Removal of breast for malignant growth ...	...	15	3	18	15	7	4	...	2	2	...
Other operations on breast	...	7	...	7	7	6	1	...	...	...	13
Excision of aneurysm, ligature of artery, etc.	...	3	...	3	3	...	2	...	1	...	...
Resection of vein	...	1	...	1	1	...	1	...	...	...	7
Excision of lymphatic vessels and glands ...	...	29	1	30	29	14	14	...	...	1	3
Trephining	...	1	...	1	1	...	...	...	1	...	...
Elevation of depressed fracture ...	...	13	...	13	13	5	4	...	4	...	...
Operations on spinal column ...	2	5	2	7	5	...	4	...	1	2	...
Operations on nerves	2	5	3	8	5	...	6	1	...	...	1
Tracheotomy	...	3	...	3	3	1	...	...	2	...	...
Operations on thorax	1	23	8	31	23	11	4	2	5	2	1
Extraction of teeth and other dental operations	...	...	...	...	...	...	...	...	...	...	4,703
Operations on salivary glands ...	...	4	1	5	4	3	1	...	...	...	2
Operations on oesophagus and pharynx...	...	3	...	3	3	...	1	...	2	...	...
Gastrotomy	...	1	...	1	1	...	...	...	1	...	...
Gastrectomy partial for ulcer	...	8	...	8	8	2	1	...	5	...	...
Gastrorrhaphy for perforation ...	...	19	...	19	19	2	3	...	13	1	...
Gastrojejunostomy for gastric ulcer ...	...	9	...	9	9	5	4	...	...	...	...
Gastrojejunostomy for duodenal ulcer ...	...	18	...	18	18	4	10	...	4	...	...
Operations on jejunum and Ilieum ...	...	27	1	28	27	8	7	...	12	...	...
Removal of appendix	5	108	1	109	108	84	16	2	7	4	...
Operations on coecum	...	2	...	2	2	2	...	...	...	...	...
Operations on colon	2	5	10	15	5	2	5	...	...	...	...
Operations on rectum and anus ...	2	98	11	109	98	46	42	5	2	5	83
General operations on Intestines ...	...	3	1	4	3	...	1	...	2	...	...
Herniotomy, radical cure for Ing. hernia ...	2	140	...	140	140	106	28	...	2	6	...
Herniotomy, radical cure for other hernias...	...	9	...	9	9	5	3	1	...	...	...
Herniotomy, radical cure for strangulated hernias, Inguinal	3	53	...	53	53	36	13	...	7	...	...
Exploratory Laparotomy	5	87	3	90	87	28	27	6	28	3	...
Operations on liver and biliary apparatus ...	...	1	...	1	1	...	1	...	...	...	...
Cholecystotomy	...	1	...	1	1	1	...	...	...	...	...
Cholecystostomy	...	2	...	2	2	1	1	...	...	...	...
Cholecystectomy	2	13	...	13	13	10	5	...	...	...	...
Cholidochostomy	...	1	...	1	1	...	1	...	...	...	...
Plastic operation for bile duct... ...	...	1	...	1	1	...	...	...	...	1	...
Removal of spleen	1	3	1	4	3	2	...	...	2	...	...
Orchidectomy	1	10	1	11	10	5	5	...	...	1	...
Other operations on scrotum ...	...	2	...	2	2	2	...	...	...	...	...
Radical cure for vaginal hydrocele ...	2	158	1	159	158	124	29	...	...	7	...
Epididymectomy	...	2	...	2	2	1	...	...	...	1	...
Operations on spermatic cord ...	1	12	1	13	12	5	6	1	...	1	3
Prostatectomy—Perineal	1	...	...	...	...	...	1	...	...	...	...
Prostatectomy—Suprapubic	...	5	7	12	5	3	1	...	1	...	...
Circumcision	...	8	2	10	8	2	6	...	...	...	167

APPENDIX No. 12—*contd.*

Classification of Operations performed in the Surgical Department during the year 1943.

Name of Operation.	IN-PATIENTS. Remaining as per last report.	No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Result. Cured.	Relieved.	Discharged otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Other operations on penis	1	5	2	7	5	1	4	...	...	1	91
Nephropexy	...	1	...	1	1	...	1	...	...	...	...
Nephrectomy	...	4	3	7	4	4	...	...	...	...	...
Nephrolithotomy	...	2	1	3	2	2	...	...	...	...	...
Operations on ureter	...	...	4	4	...	...	...	...	...	...	...
Suprapubic cystotomy	6	25	4	29	25	15	9	...	5	2	...
Suprapubic Lithotomy	2	13	...	13	13	8	4	...	1	2	...
Lithotrity	2	1	1	2	1	1	...	...	2	...	...
Litholopexy	...	2	...	2	2	2	...	...	...	...	...
Other operations on bladder ...	2	50	10	60	50	13	30	6	3	...	292
Urethrotomy internal	...	3	1	4	3	2	1	...	...	...	...
Urethrotomy external	1	10	4	14	10	2	8	1	...	...	...
Other operations on urethra	1	27	39	66	27	12	13	1	1	1	145
Total ...	138	2,840	832	3,672	2,840	1,069	1,476	103	231	99	10,176

APPENDIX No. 13.

Classification of Operations performed in the Gynaecological Department during the year 1943.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on
Operations on.											
Uterus ...	8	142	4	146	142	115	9	7	5	14	...
Cervix ...	5	231	5	236	231	61	59	115	...	1	...
Perineum & Vagina ...	1	52	4	56	52	45	1	3	...	4	...
Urethra ...	...	...	1	1	...	...	...	...	...	...	...
Fallopian tubes and broad ligaments ...	...	19	...	19	19	14	1	...	2	2	...
Ovaries ...	1	19	...	19	19	13	3	1	1	2	...
General ...	3	28	8	36	28	7	5	14	2	3	...
Total ...	18	491	22	513	491	255	78	140	10	26	...

APPENDIX No. 14.

Classification of Operations performed in the Ophthalmic Department during the year 1943.

Nature of Operation.	Remaining as per last report.	Principal.	Secondary.	Total.	No. of patients operated on.	Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Eyelids ...	7	22	...	22	22	27	2	...	...	...	181
Conjunctiva ...	...	12	1	13	12	11	...	1	...	...	33
Cornea ...	1	14	2	16	14	6	9	...	...	...	429
Lachrymal apparatus ...	1	24	1	25	24	19	1	3	...	2	25
Muscles ...	...	2	1	3	2	1	1	...	...	...	...
Iris ...	5	63	13	76	63	28	35	2	...	3	3
Sclera ...	3	35	1	36	35	21	16	1	...	...	...
Lens ...	17	474	18	492	474	427	38	13	2	11	21
Socket ...	...	4	...	4	4	4	...	...	...	...	...
General operations ...	...	24	3	27	24	13	9	1	...	1	...
Total ...	34	674	40	714	674	557	111	21	2	17	692

APPENDIX No. 15

Classification of Operations performed in the Ear, Nose and Throat department during the year 1943.

Nature of Operation.	Remaining as per last report.	IN-PATIENTS. No. of Operations. Principal.	Secondary.	Total.	No. of patients operated on.	Results. Cured.	Relieved.	Discharged Otherwise.	Died.	Remained under treatment.	Out-door patients operated on.
Operations on.											
Larynx ...	...	5	3	8	5	...	...	1	2	2	6
Trachea ...	2	7	...	7	7	1	5	...	2	1	...
Bronchus ...	...	5	1	6	5	1	3	...	1	...	1
Oesophagus ...	...	5	5	10	5	...	3	...	1	1	8
Stomach ...	...	2	...	2	2	...	2	...	...	...	...
External nose and nasal cavities ...	...	1	...	1	1	1	...	...	...	...	...
Septum ...	1	76	1	77	76	31	44	1	...	1	...
Turbinate bones ...	...	36	...	36	36	15	20	1	...	...	399
Posterior nares ...	...	5	...	5	5	2	3	...	...	...	64
Maxillary antrum ...	...	36	...	36	36	15	19	1	1	...	694
Frontal sinus ...	2	5	1	6	5	3	3	...	1	...	1
Ethmoidal sinus ...	...	1	...	1	1	1	...	...	...	...	...
Mouth fauces Pharynx and nasopharynx ...	1	814	...	814	814	293	510	7	1	4	9
Ear ...	3	46	4	50	46	16	28	...	4	1	17
Miscellaneous—of a minor nature ...	...	1	1	2	1	...	...	...	...	1	...
Total ...	9	1,045	16	1,061	1,045	379	640	11	13	11	1,199

APPENDIX No. 16.

Report of the X-Ray and Electro-Therapeutic Department, for the year 1943.

2,251 cases were X-Rayed during the year 1943; 854 of these were in-patients (598 men, 158 women and 98 children), 1,397 were out-patients (697 men, 321 women and 379 children).

Screening was done on 7,167 patients; 2,537 of these were in-patients (1,664 men, 691 women and 182 children), 4,630 were out-patients (3,025 men, 1,313 women and 292 children).

582 cases were treated with ultra violet radiation; 125 of these were in-patients (55 men, 53 women and 17 children) and 457 were out-patients (202 men, 171 women and 84 children).

Long wave diathermy was given to 21 in-patients (4 men and 17 women) and 147 out-patients (23 men and 124 women).

Short-wave diathermy was given to 74 in-patients (53 men and 21 women) and 203 out-patients (97 men, 93 women and 13 children).
Infra-red radiation was given in 125 cases (78 men and 47 women).
Electro-dessication was done in 8 men, and 3 women.
Electircal reactions were tested in 40 cases (36 men and 4 women).
Electrolysis was done in one male child only.
Faradic stimulation were given in 26 cases (20 men and 6 women.)
Galvanic shocks were given in 8 women only.
Deep X-Ray therapy was not given as a new X-Ray therapy tube was not available owing to war situation.
Superficial X Ray therapy was given to 202 patients.

APPENDIX No. 17.

Report of the Skin and Venereal Department, K. E. M. Hospital for the year 1943.

Description.	Out-patients.		In-patients.	
	Male.	Female.	Male.	Female.
Primary syphilis ...	1,220	15	10	1
Secondary syphilis ...	3,019	172	108	18
Tertiary syphilis ...	92	7	12	1
Congenital syphilis ...	8	3	1	...
Total No. of cases of syphilis ...	4,339	197	131	20
Acute gonorrhoea ...	656	65	23	2
Chronic gonorrhoea ...	972	116	30	5
Total No. of cases of gonorrhoea ...	1,628	181	53	7
Phagedoena ...	...	...	42	2
Chancroid and other venereal diseases ...	618	56	33	2
Venereal diseases of the previous years treated during 1943 ...	1,252	156	...	...
Total No. of venereal cases treated during the year 1943.	7,837	590	259	31
Leprosy cases ...	268	42	2	...
Skin cases ...	9,441	1,320	110	36
Grand total of venereal, skin and leprosy cases treated during the year 1943 ...	17,546	1,952	371	67

The above figures indicate the total number of persons seeking treatment in the Skin and Venereal Department direct. They do not include 220 cases which were examined and found not to be suffering from any skin or venereal diseases. They also do not include 2,765 cases transferred to the Skin and Venereal Department from other departments to avoid duplication of figures. Hence the total number of cases treated in the skin and venereal department during the year 1943 was 22,921.

Among the veneral cases, 3,205 patients of which (53 were females) were treated for two or more veneral diseses.

Among the indoor patients, 86 caees were treated for two or more veneral diseases.

Amog the cases treated for skin conditions, 6,350 were found to be suffering from scabies.

APPENDIX No. 18.

Statement showing the number of electro-cardiograms taken during the year 1943 :—

Clinical condition for which Electro-cardiogram was taken.	Male.	Female.	Total.
1. Coronary Thrombosis ...	11	...	11
2. Angina Pectoris ...	4	1	5
3. Congenital heart disease ...	4	2	6
4. Auricular Flutter ...	2	...	2
5. Auricular fibrillation ...	5	3	8
6. Tachycardia ...	2	...	2
7. Bradycardia ...	1	1	2
8. Pericarditis ...	4	...	4
9. Valvular heart disease ...	14	5	19
10. Acute rheumatic fever ...	5	4	9
11. Extra-systoles ...	5	...	5
12. Cardiac Failure ...	9	2	11
13. Heart block ...	2	1	3
14. Hypertension ...	2	3	5
15. Cardiac neurosis ...	2	2	4
16. Thyrotoxicasis ...	1	...	1
17. Miscellaneous ...	17	...	17
Total ...	90	24	114

APPENDIX No. 19.

Central Clinical Laboratory Report.

17,553 laboratory investigations were carried out during the year 1943 in the Central Clinical Laboratory (as apart from the the ward laboratories) on the material sent from the Hospital, divided under four main heads, as against 17,462 and 19,866 in the year 1942 and 1941, respectively :—

I.—Pathologic. II.—Bacteriologic. III.—Biologic. IV.—Biochemic as under:—

I.—Pathologic.

(*i*) Routine Examination of urine ...	1,657
(*ii*) *Examination of blood*—	
(1) Cytological examination—	
(*a*) Complete blood picture ...	1,220
(*b*) Reticulocyte count ...	11
(*c*) Platelet count ...	41
(2) Coagulation time of blood ...	71
(3) Bleeding time of blood ...	70
(4) (*a*) Grouping and Matching of blood for transfusion ...	831
(*b*) Determination of blood group.	19
(*c*) Cross-matching of blood ...	65
(5) Sedimentation test ...	257
(6) Detection of parasites—	
(*a*) Microfilaria ...	6
(*b*) Malaria parasites ...	5
(*c*) Leishman-Donovan bodies ...	20
(*iii*) Examination of faeces ...	1,441
(*iv*) Examination of sputum ...	756
(*v*) *Examination of puncture fluids*—	
(*a*) Cerebro-spinal fluid ...	596
(*b*) Pleural fluid ...	102
(*c*) Ascitic fluid ...	69
(*d*) Liver puncture fluid ...	2
(*e*) Joint fluid ...	1
(*f*) Pericardial fluid ...	9
(*g*) Aspirated fluid ...	5
(*h*) Hydrocele fluid ...	2
(*i*) Lung abscess ...	1
(*vi*) Histological examination of tissues ...	986
Total ...	8,243

II.—Bacteriologic—

(*i*) Urine—	
(*a*) Caltural examination ...	85
(*b*) Cultural examination for tubercle bacilli ...	16
(*ii*) *Blood*—	
(*a*) Cultural examination ...	278
(*b*) Cultural examination for tubercle bacilli ...	1
(*c*) Serological examination—	
(1) Widal reaction ...	535
(2) Wassermann reaction ...	260
(3) Kahn test ...	5,635
(4) Weil-Felix reaction ...	27
(5) Agglutination test against leptospira	4
(*iii*) Faeces-cultural examination ...	17
(*iv*) Sputum—Cultural Examination ...	5
(*v*) *Puncture fluid-cultural examination*—	
(1) Cerebro-spinal fluid ...	205
(2) Cerebro-spinal fluid for tubercle bacilli ...	4
(3) Pleural fluid ...	56
(4) Pleural fluid for tubercle bacilli ...	2
(5) Ascitic fluid ...	23
(6) Pericardial fluid ...	2
(7) Fluid from nasal sinuses ...	7
(8) Other aspirated fluids ...	53
(9) Other aspirated fluids for tubercle bacilli ...	1
(*vi*) *Microscopic and cultural examination of*—	
(1) Pus ...	130
(2) Pus for tubercle bacilli ...	4
(3) Throat swab ...	332
(4) Other inflammatory exudate ...	22
Cultural examination for tubercle bacilli gastric contents ...	1
(*vii*) *Examinations for the presence of micro-organisms.*—	
(1) Nasal secretions ...	124
(2) Urethral or cervical discharges ...	103
(*viii*) *Preparation of vaccines.*—	
(1) Autogenous vaccine ...	30
(*ix*) Bacteriological examination of specimen of milk from the Hospital ...	31
Total ...	7,993

III.—Biologic.

(1) Aschheim Zondek test (Friedmann's modification) ...	10
(2) Mantoux test ...	3
(3) Guinea pig inoculation for tubercular infection ...	4
(4) Frei's test ...	10
(5) Casoni's test ...	3
Total ...	30

IV.—Biochemic.

Urine:—	
(1) Estimation of chemical constituents.	
(*a*) Urea ...	5
(*b*) Uric acid ...	2
(*c*) Chloride ...	7
(*d*) Haematoporphyrin ...	9
(2) Determination of diastasic index ...	4
(3) Urea concentration test ...	9
(4) Diazo reaction ...	2
(5) Lead in urine ...	2
(6) Phenylhydrazin test ...	1
(*ii*) *Blood*—	
(1) *Determination of chemical constituents*—	
(*a*) Non-protein nitrogen ...	191
(*b*) Urea nitrogen ...	1
(*c*) Glucose ...	26
(*d*) Calcium ...	7
(*e*) Cholesterol ...	1
(*f*) Sulphanilamide content ...	8
(*iii*) Aspirated fluids—	
(*a*) Urea ...	2
(*b*) Chlorides ...	1
(2) *Other tests*—	
(*a*) Determination of Icterus index	134
(*b*) Blood sugar curve ...	8
(*c*) Van den Bergh reaction ...	139
(*d*) Aldehyde test ...	15
(*e*) Urea clerance test ...	2
(*f*) Takata-ara test ...	28
(*iv*) Analysis of stools (estimation of fat) ...	3
(*v*) *Cerebro-spinal fluid*—	
Determination of chemical constituents—	
(*a*) Chlorides ...	39
(*b*) Sulphanilamide ...	1
(*vi*) Examination of gastric contents (fractional method)	599
(*vii*) Ptyaline test ...	1
(*viii*) Analysis of bile (Lyon's method) ...	1
(*ix*) Lange's colloidal gold test ...	5
(*x*) Prothombin time ...	19
(*xi*) Fragility of red cells ...	15
Total ...	1,287
Grand Total ...	17,553

460 autopsies were performed during the year 1943 as against 362 in 1942 and 367 in 1941. In the majority of cases the autopsies were performed on claimed bodies with the consent of relatives. In case

of every post-mortem a record of findings in each organ is kept. The total number of 460 post-mortems include the following autopsies held on dead bodies received from other institutions specified below :—

Acworth Leper Home and Asylum	10
Bai Jerbai Wadia Hospital for children	1
Nowrosjee Wadia Maternity Hospital	7
Imfections diseases Hospital (Arthour Road)	1
Total ...	19

The records are carefully scrutinised and the preparation of an index in groups of thousand serial cases is continued. This index is useful for a rapid reference of the records for an analysis and a study of deaths from different diseases at the Hospital. A typed summary of the post-mortem findings is sent to the Hospital for being attached to the case papers.

The following table gives the number of blocks prepared and sections stained out of the post-mortem organs and the tissues received after surgical operations from 1st January 1943 to 31st December 1943, and in the previous years :—

Year.	Blocks of post-mortem organs.	Blocks of tissues from the surgical side of the K.E.M. Hospital.	Tissues received from enquiries under the I.R.F.A. and from outside.	Total.
1943 ...	1,456	986	300	2,742
1942 ...	1,661	800	127	2,588
1941 ...	1,764	905	302	2,971

Blood Bank.

No. of blood samples collected	699
No. of plasma separated ... ... —	67
No. of blood samples supplied for transfusions	604

APPENDIX No. 20

K. E. M. HOSPITAL, BOMBAY.

Poor Box Charity Fund Statement of Accounts for the year 1943-44.

Dr. RECEIPTS.

Particulars.		Amount.
	Rs. a. p.	Rs. a. p.
To balance in hand on 31st March 1943 ...		228 12 1
To balance with the Chief Accountant, Bombay Municipality ...		14,866 5 11
To collections from outpatient department boxes ...		2,131 11 9
To collections from the ward boxes ...		4,939 8 2
To donations ...		12,069 8 0
To Interest—		
Interest due during 1943-44	6,004 8 0	
Less commission etc.	1 1 0	
	6,003 7 0	6,003 7 0
To collections on account of medical certificates ...		2,486 0 0
To part payment of spectacles ...		87 8 0
To Contributions towards blood transfusion appliances etc. ...		3,568 8 0
To sale of Hospital Pharmacopeia, 3rd edition ...		2,834 0 0
To miscellaneous receipts ...		196 14 11
To fund account by transfer ...		15 2 0
Total ...		49,427 5 10

DISBURSEMENTS. *Cr.*

Particulars.		Amount.
		Rs. a. p.
By appliances such as artificial limbs, crutches, hernia belts, etc. ...		1,243 4 6
By supply of costly medicines, injections etc., to poor patients of the Hospital ...		12,798 12 6
By blood transfusion charges ...		2,310 0 0
By spectacles to patients ...		306 0 0
By travelling expenses to patients ...		165 10 6
By printing and stationery ...		238 15 0
By Printing of K. E. M. Hospital Pharmacopeia 3rd edition ...		2,286 13 0
By establishment charges ...		240 0 0
By miscellaneous expenses ...		299 2 6
By execss of payments over receipts in the deposit account ...		1,562 14 8
By cash in hand on 31-3-1944 ...	Rs. 504 1 5	
By collections of 31-3-44 ...	24 3 6	528 4 11
By balance with the chief Accountant, Bombay Municipality. ...		27,447 8 3
Total ...		49,427 5 10

Balance Sheet of the Poor Box Charity Fund, K. E. M. Hospital as on 31st March 1944.

LIABILITIES.

	Rs. a. p.	Rs. a. p.
Fund account Balance on 31st March 1944 ...	1,43,736 8 7	
Add—Excess of receipts over expenditure during 1943-44.	14,443 9 10	
		1,58,180 2 5
Deposit Account :—		
Patients' money ...	357 8 6	
Miscellaneous deposits ...	1,660 8 3	
		2,018 0 9
Total		1,60,198 3 2

ASSETS.

		Rs. a. p.	Rs. a. p.
Cash in hand		504 1 5	
Collections of 31-3-44 ...		24 3 6	
Balance with the Chief Accountant, Bombay Municipality ...		27,447 8 3	27,975 13 2
Investments (at cost) :—			
(1) 3½% G. P. Notes (1842-43) of the face value of	16,000		13,460 10 0
(2) 3½% G. P. Notes (1854-55) of the face value of	9,000		6,368 2 0
(3) 3½% G. P. Notes (1865) of the face value of ...	13,000		10,532 8 0
(4) 3½% G. P. Notes (1879) of the face value of ...	1,000		735 0 0
(5) 3½% G. P. Notes (1900-01) of the face value of ...	17,000		15,608 12 0
(6) 3% Loan (1951-54) of the face value of ...	6,000		6,210 0 0
(7) 4% Loan (1960-70) of the face value of	20,000		20,933 0 0
(8) 4% B.P.T. Debentures (1968) of the face value of ...	3,000		3,333 12 0
(9) 4% B.P.T. Debentures (1969) of the face value of ...	500		555 10 0
(10) 4% B.P.T. Debentures (1973) of the face value of ...	500		555 10 0
(11) 4% B.P.T. Debentures (1962) of the face value of	500		465 0 0
(12) 4% B.P.T. Debentures (1965) of the face value of ...	1,000		930 0 0
(13) 4%B.P.T. Debentures (1972) of the face value of	10,000		9,300 0 0
(14) 4% B.P.T. Debentures (1973) of the face value of ...	1,000		930 0 0
(15) 4% B.M. Debentures (1974) of the face value of ...	500		510 0 0
(16) 6% B.M. Debentures (1950-60) of the face value of ...	12,000		11,718 2 0
(17) 5% B.M. Debentures (1954-59) of the face value of	18,000		16,123 12 0
(18) 4% B.M. Debentures (1961) of the face value of (original B.I.T. Debentures) ...	500		510 0 0
(19) 4% B.M. Debentures (1962) of the face value of ...	2,000		2,040 0 0
(20) 4% B.M. Debentures (1967) of the face value of ...	6,500		6,862 8 0
(21) 4% B.M. Debentures (1965) of the face value of ...	1,500		1,530 0 0
(22) 4% B.M. Debentures (1968) of the face value of ...	500		510 0 0
(23) Fixed deposit with the Bombay Postal Co-operative Society Ltd.	2,500		2,500 0 0
		1,42,500 0 0	1,32,222 6 0
			1,60,198 3 2

LEGAL ASSISTANT.

"Subject: *Administration Report of the Legal Assistant's Department for the year 1943-44*

As this is the first report of my Department, I give below a brief history thereof before detailing the actual work done by the Department during the year under report.

In order to dispose of expeditiously the increasing legal work and to avoid heavy costs thereon the Corporation by their Resolution No. 2556, dated the 22nd June 1931 sanctioned the appointment of a full-time Solicitor as Legal Assistant to the Municipality in the grade of Rs. 400-50-500. Mr. P. M. Clubwala Solicitor was appointed to the post on 1st July 1931. He was entrusted with the work of drafting Leases, Conveyances, Contracts, etc., attending to Appeals against valuation in the Small Causes Court, filing suits in the High Court and Small Causes Court for recovery of taxes and damages owing to damage caused to Municipal property and of conducting cases in Police Courts filed by or against the Municipality and its employees in the discharge of their duties, more important of such cases being continued to be entrusted to the Municipal Solicitors, Messrs. Crawford Bayley & Co.

A few months thereafter, *i.e.*, in November 1933 a post of a clerk was created for taking searches in the offices of the Sub-Registrar and City Survey for assessment suits, etc, and for Court and general work. In 1933 a stenographer was given to the Legal Assistant and in 1934 one more clerk possessing legal knowledge was appointed to assit the Legal Assistant as a Court clerk in respect of Small Causes Court suits and Police Court cases and to do account and general office work. In the same year the pay of Mr. Clubwala was raised to Rs. 1,000 *vide* Corporation Resolution No. 146, dated the 28th June 1934 and a post of an Assistant to the Legal Assistant was created on a salary of Rs. 120-10-200 to attend to Small Causes Court Suits and Police Court matters. In 1936 one more typist was appointed and in the same year one more search clerk was added.

Owing to the heavy increase of work since the amalgamation of ex-City Improvement Trust with the Municipality the necessity of an additional Assistant was keenly felt, as the Legal Assisant was then without any assistance in major matters such as High Court Suits and other References. The Corporation, therefore, by their Resolution No. 925, dated the 19th February 1937 sanctioned the appointment of anothr Assistant to the Legal Assistant in the grade of Rs. 200-20-400.

Mr. Clubwala proceeded on leave preparatory to retirement from 1st January 1938. In the meanwhile the grade of the post of Legal Assistant was revised to Rs. 500-25-750 in the general revision of grades in Municipal Service. Mr . Manbhoy B. Maniar Solicitor was selected by the Corporation for the post of Legal Assistant on the retirement of Mr. Clubwala from Municipal service.

Since 1938 two more clerks were appointed in the usual grades of clerks.

This Department has been attending to the following work :—

(1) Police Court Cases ; (2) Small Causes Suits including References ; (3) High Court matters including Appeals and Revision Applications ; (4) Attendance before Public Officers ; (5) Conveyancing matters, such as sale deeds, leases, agreements, etc. ; (6) Advices and opinions including advice on documents ; (7) Amendments of Municipla Act etc. ; (8) Assessment Appeals ; (9) Election Appeals.

During the year under report 4936 files were received from various Departments and 2006 letters were written to Outside parties or their legal advisers. Numerous opinions in various departmental matters and advices on 260 documents were given.

39 High Court suits, one High Court Appeal, 2 Revision Applications, 24 Small Causes Court suits, 26 Police Court cases, one Lunacy Appeal, one Reference under the Workne's Compensation Act and 17 Appeals against Assessment were attended to.

52 Conveyances, 7 Agreements, 3 Declarations, 3 Indemnities, 2 Assignments of Decrees, 1 temporary lease, 136 leases, 5 Surrenders, 126 Licenses to assign and 15 other documents were completed.

MANBHOY B. MANIAR
Legal Assistant

EDUCATIONAL.

THE SCHOOLS COMMITTEE OF THE BOMBAY MUNICIPALITY.

Subject: *Administration Report for the year 1943-44.*

The Committee's personnel. The Schools Committee at the end of the official year 1942-43, consisted of the following Members :—

1. Prof. D. R. Gharpure, M.A., B.Sc., (*Chairman*)
2. Mr. A. A. Baigmahomed.
3. Mr. A. L. Curtay, J.P.
4. Mr. Ganpatishankar N. Desai.
5. Dr. Homi F. Pavri, M.C.P.S., M.B.,B.S.
6. *Mrs. Kantaben D. Khandwala, B.A.
7. Mr. Kashi Prasad Singh.
8. Mrs. Khadija Shuffi Tyabji, J.P.
9. *Mr. Nanubhai V. Desai, B.A., C.D.A., R.A.
10. Mr. N. S. Kajrolkar.
11. Mr. P. K. Sawant, B.A., LL.B.
12. *Mr. P. R. Lele, B.A., LL.B.
13. Mr. Salebhoy Abdul Kader.
14. *Mrs. Sulochana Modi, M.A.
15. Mr. V. R. Tulla, B.Ag.
16. (A vacant seat).

Under Section 39(4)(*bb*) of the Municipal Act, eight of these Members retired from office on the first day of April 1943 and under Section 39(4)(c) of the Act, their places were filled up by the Municipal Corporation from the same date. Out of the eight Members who retired, two were re-appointed.

The Committee thus formed for the year 1943-44 was composed of the following Members :—

1. Mr. A. A. Baigmahomed.
2. Mr. A. L. Curtay, J.P.
3. Mr. B. M. Khandray.
4. Dr. Homi F. Pavri, M.C.P.S., M.B.,B.S.
5. *Mrs. Kantaben D. Khandwala, B.A.
6. Mrs. Khadija Shuffi Tyabji, J.P.
7. Mrs. Lilavati K. Munshi.
8. *Mrs. Lilavati V. S. Velinkar, M.A.
9. Dr. Mrs. Malinibai B. Sukthankar, M.B.,B.S., J.P.
10. *Mr. Nanubhai V. Desai, B.A., G.D.A., R.A.
11. Mr. N. S. Kajrolkar.
12. Dr. P. H. Meisheri, F.C.P.S., L.M.& S., J.P.
13. Mr. P. K. Sawant, B.A., LL.B.
14. *Mr. P. R. Lele, B.A., LL.B.
15. Mr. V. R. Tulla, B.Ag.
16. Mr. Z. J. Chowdhery.

The Committee for the year 1943-44, at their first Meeting held on the 7th April 1943, elected Dr. Homi F. Pavri, to be their Chairman for the year.

During the course of the year, the following changes took place in the personnel of the Committee :—

(*i*) Mr. V. R. Tulla, ceased to be a Member from the 5th April 1943, and Mr. N. C. Pupala was appointed in the vacancy by the Corporation, from 10th June 1943.

(*ii*) Mr. P. K. Sawant ceased to be a Member from the 19th April 1943 and Mr. V. A. Karapurkar was appointed in the vacancy from the 10th June 1943.

(*iii*) Dr. P. H. Meisheri died on the 15th October 1943, and Mr. P. K. Sawant (who had ceased to be a Member as stated above) was appointed in his place from the 15th November 1943.

(*iv*) Mr. V. A. Karapurkar resigned his seat from the 1st January 1944, and Mr. Salebhoy Abdul Kader was appointed in the vacancy from the 10th January 1944.

(*v*) Mrs. Khadija Shuffi Tyabji resigned her seat from the 23rd March 1944, and the vacancy thus caused was not filled up till the end of the official year, *i.e.*, till the 31st March 1944.

Miss Kapila T. Khandvala, B.A., B.T. (Bom.), M.A. (U.S.A.), continued to hold the office of the Secretary, Schools Committee, throughout the year.

Meetings. 2. The Committee held in all 61 Meetings during the year. The number of Meetings of the various Sub-Committees held during the year was 39.

Municipal Schools and pupils. 3. During the year under report, the number of pupils in Municipal Schools increased from 75,993 to 1,00,131. This was due to the fact that the war panic which was the cause of a large number of families leaving Bombay City from the beginning of the year 1942, had practically subsided during the year under report; many of the families who had left Bombay returned to the City as a result. The detailed figures of schools and pupils for the year under report and for the previous year are given in the following statement :—

Class of Schools.	No. on 31st March 1943.		No. on 31st March 1944.	
	Schools.	Pupils.	Schools.	Pupils.
Marathi Boys' Schools ...	106	28,795	106	39,978
Marathi Girls' Schools ...	70	17,484	69	23,471
Total ...	176	46,279	175	63,449
Gujarati Boys' Schools ...	46+5 Classes.	6,554	46+5 Classes.	8,293
Gujarati Girls' Schools ...	28+5 Classes.	4,777	28+5 Classes.	6,693
Total ...	74+10 Classes.	11,331	74+10 Classes.	14,986
Urdu Boys' Schools ...	50+17 Classes.	9,448	52+14 Classes.	10,273
Urdu Girls' Schools ...	40+3 Classes.	5,698	42+1 Class.	6,566
Total ...	90+20 Classes.	15,146	94+15 Classes.	16,839
Kanarese, Telugu, Tamil, Malayalam, etc., Schools ...	16	975	16	1,271
Hindi Schools ...	27	2,262	27	3,586
Total ...	43	3,237	43	4,857
Grand total of all Municipal Schools	383+30 Classes	75,993	386+25 Classes.	1,00,131

* Non-Councillor Members.

4. The total number of teachers, permanent & non-permanent as on 31st March 1944, was as under:—

Teachers in Municipal Schools.

Ordinary permanent teachers	...	2,382
Ordinary non-permanent full-time teachers	...	380
Ordinary non-permanent part-time teachers	...	126
Special teachers	...	115
Total	...	3,003

Out of these, 134 teachers were maintained as a separate staff for working in ordinary leave vacancies. During the year, 513 permenent teachers were under training and as the year progressed the number of pupils in the schools also increased with the result that 513 teachers were required to be maintained on 31st March 1944, to work in place of the trainees as also for the increased number of pupils.

Aided Schools and pupils.

5. The number of pupils in Aided Schools rose during the year under review from 31,338 to 40,008. The number of Aided Schools and pupils in them will be seen from the following statement:—

	On 31st March 1943.				On 31st March 1944.			
	No. of Schools.	Boys.	Girls.	Total.	No. of Schools.	Boys.	Girls.	Total.
Marathi Schools—								
Boys' Schools ...	32	2,368	1,375	3,743	33	3,029	1,809	4,838
Girls' Schools ...	3	138	340	478	3	188	438	628
Night Schools ...	...	...	...	...	...	...	...	...
Total ...	35	2,506	1,715	4,221	36	3,217	2,247	5,464
Gujarati—								
Boys' Schools ...	69	6,700	2,604	9,304	72	9,553	3,430	12,983
Girls' Schools ...	22	597	3,066	3,663	23	622	3,716	4,338
Night Schools ...	3	77	...	77	3	120	...	120
Total ...	94	7,374	5,670	13,044	98	10,295	7,146	17,441
Urdu—								
Boys' Schools ...	19	2,196	943	3,139	18	2,257	981	3,238
Girls' Schools ...	4	...	835	835	4	...	871	871
Night Schools ...	3	195	...	195	2	174	...	174
Total ...	26	2,391	1,778	4,169	24	2,431	1,852	4,283
Hindi, Sindhi, South Indian etc.								
Boys' Schools ...	9	734	242	976	9	1,269	446	1,715
Girls' Schools ...	2	...	289	289	2	...	479	479
Night ,, ...	3	330	3	333	4	643	22	665
Total ...	14	1,064	534	1,598	15	1,912	947	2,859
English-teaching—								
Boys' Schools ...	19	3,818	1,531	5,349	20	4,736	1,873	6,609
Girls' Schools ...	8	295	1,982	2,277	8	320	2,300	2,620
Total ...	27	4,113	3,513	7,626	28	5,056	4,173	9,229
Grand Total ...	196	17,448	13,210	30,658	201	22,911	16,365	39,276
Special Institutions ...	3	313	367	680	4	354	378	732
Grand Total ...	199	17,761	13,577	31,338	205	23,265	16,743	40,008

Besides the Aided Schools, there are also other schools which are recognised but do not receive a grant-in-aid from the Schools Committee. The number of such schools and the number of pupils in them, as on 31st March 1943 and 31st March 1944, are given below:—

Class of Schools.	On 31st March 1943.				On 31st March 1944.			
	No. of Schools.	Boys.	Girls.	Total.	No. of Schools.	Boys.	Girls.	Total.
Recognised Boys' Schools ...	15	1,830	221	2,051	14	2,250	384	2,634
Recognised Girls' Schools ...	4	1	136	137	5	7	218	225
Total ...	19	1,831	357	2,188	19	2,257	602	2,859

Teachers in Aided Schools.

6. The total number of full-time and part-time teachers in Aided Schools at the end of the year was 1,821 as against 1,561 of the previous year, the particulars being as under :—

	Full-time teachers.			Part-time teachers.		
	Males.	Females.	Total	Males.	Females.	Total.
On 31st March 1943	494	644	1,138	268	155	423
		Grand Total 1,561				
On 31st March 1944	553	758	1,311	333	177	510
		Grand Total 1,821.				

The proportion of pupils per teacher in the Aided Schools calculated on the number of full-time teachers in these schools works out to 22 pupils per teacher.

In the recognised unaided schools, the number of teachers at the end of the year was 134 (100 full-time *plus* 34 part-time) as against 139 (96 full-time *plus* 43 part-time) at the end of the previous year.

Grants to Aided Schools.

7. The total amount of grants paid during the year was Rs. 2,12,331, as against Rs. 2,16,459, in the previous year.

Total expenditure and cost per pupil in Aided Schools.

8. The total expenditure incurred by the Aided Schools, as shown by them, amounted to Rs. 15,01,961. The average number of pupils on rolls in Aided Schools during the year was 37,282, and on the basis of this number the cost per pupil in these schools works out to Rs. 40.3 as against Rs. 49.1 in the previous year. The cost per pupil to the Municipality by way of Grant was Rs. 5.7 as against Rs. 7.8 of the previous year.

Visits to Schools.

9. As usual the Municipal and Aided Schools were visited and Inspected by the Secretary and the other supervising officers. The Secretary paid surprise visits to schools with a view to improve the discipline in schools and to check the irregularities in the working of the schools and to bring about improvement in the methods of teaching, etc.

Free & Compulsory Education.

10. The Annual Census of compulsory age children in the City taken in October 1943, revealed the following figures of children of compulsory age attending and non-attending :—

	Boys.	Girls.	Total.
Attending ...	58,096	43,022	1,01,118
Non-attending ...	9,485	11,943	21,428
Total number of compulsory age children ...	67,581	54,965	1,22,546

Later on in the year efforts were made by employing a special staff of part-time teachers and peons for bringing in to school, non-attending children and as a result the number of such children was reduced to 7,621 boys and 10,554 girls by the end of the year.

Income & Expenditure.

11. The year under report opened with a balance of Rs. 20,000. The total amount at the disposal of the Schools Committee was Rs. 46,99,954-15-7 as given below :—

Opening Balance.	Municipal Grant.	Other miscellaneous receipts.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
20,000 0 0	46,42,701 0 4	37,253 15 3	46,99,954 15 7

The total expenditure for the year, excluding the expenditure on the head office which is met from the General Municipal Fund, amounted to Rs. 46,79,954-15-7, leaving a Closing Balance of Rs. 20,000. The details of the Receipts and Expenditure for the year under report will be found in Appendix A.

Expenditure on the Head Office.

12. The expenditure on the Schools Committee's Head Office, which is paid out of the General Municipal Fund, was Rs. 68,671-12-6, for the year. The staff of this office consists mainly of the Secretarial, Accounts, Correspondence and Records branches of the department.

Government Grant on the cost of Primary Education.

13. The grant paid by Government to the Municipality towards Primary Education in the City during the year amounted to Rs. 9,36,430.

Average cost per pupil.

14. The average cost per pupil in Municipal Schools calculated on the number of pupils on the rolls on the last day of the year, was Rs. 44.5. The figure for the previous year was Rs. 52. Calculated on the average number of children on rolls the figure works out to Rs. 47.9 as against Rs. 54.4 of the previous year. If the expenditure on the Head Office be also taken into account, the corresponding figures for the year under report calculated on the number of pupils on the rolls on the last day of the year and on the average number of children on the rolls throughout the year will be Rs. 45.2 and Rs. 48.6 respectively. The reduction in the cost per pupil during the year was the direct result of the increase in the number of pupils.

The following table will show at a glance, the average cost per pupil during the year under report together with the corresponding figures for the previous year :—

	Expenditure per pupil for 1942-43. Rs.	Expenditure per pupil for 1943-44. Rs.
(*a*) According to the number of pupils on rolls (75,993) on 31-3-1943 ...	52	
Do. do. do. (1,00,131) on 31-3-1944 ...		44.5
(*b*) According to the average number of pupils on rolls (72,573) for the whole year 1942-43	54.4	
Do. do. do. (93,021) for the whole year 1943-44		47.9
(*c*) As per (*a*) above, *plus* expenditure on the Head Office for the year 1942-43	52.8	
Do. do. do. for 1943-44		45.2
(*d*) As per (*b*) above, *plus* expenditure on the Head Office for the year 1942-43.	55.3	
Do. do. do. for the year 1943-44.		48.6

15. The staff of the Chief Auditor's Establishment, stationed in the Schools Committee's Office, for auditing the School Fund accounts carried on their work as usual and suggestions made by them were attended to by the Accounts Department.

Audit of the Accounts.

16. Mr. M. V. Donde, B.A., District Commissioner, and Mr. M. M. Killedar, M.L.A., J.P., and Mr. R. K. Achrekar, Assistant District Commissioners of the Municipal Boy Scouts continued to hold their respective offices during the year under report. The number of troops and packs at the end of the year was 66 and 106 respectively and that of Scouts and Cubs was 2,087 and 3,145 respectively.

Boy Scouts.

The monthly grant of Rs. 75 received by the Scout Department from the Municipal Funds under a special sanction by the Standing Committee, for maintaining a Welfare Centre at Kasarwady (Taikalwady) for the benefit of the residents (mostly belonging to scheduled classes) of the locality, was continued during the year and was fully utilised for welfare activities including indoor and outdoor games, gymnastics, classes for teaching English, Marathi and Gujarati, A. R. P. Instruction, Sanitation rounds, literacy progaganda, Cinema shows, meetings for settling private disputes, etc.

17. Mrs. Khadija Shuffi Tyabji, M.L.A., J.P., continued as District Commissioner of Municipal Girl Scouts, during the year. The total number of Girl Scouts and Bulbuls at the end of the year was 3,759 out of whom 1,297 were Girl Scouts and the rest were Bulbuls. The number of Girl Scout Companies was 46 and that of Bulbul Flocks 108.

Girl Scouts.

18. The following number of pupils were taking instruction in vocational subjects at the Central Schools maintained by the Schools Committee, for teaching these subjects:—

Central Schools.

Subject.	No. of pupils.
Carpentry ...	480
Tailoring ...	120
Sign-board Painting ...	15
Clock-repairing ...	50
Printing and Book-binding ...	40
Total ...	705

The number of pupils from Central Schools who appeared for the carpentry examination was 78, and 32 from them were successful. 35 pupils from the Tailoring Classes appeared for the Government Examination and 27 came out successful. The annual Handicraft Exhibition was held in the middle of October 1943 and the sale proceeds of articles disposed of at the Exhibition amounted to over two thousand and six hundred rupees.

19. During the year under report and in the previous years the Revised syllabus of studies for Primary Schools in the Bombay Presidency, approved by Government, has been gradually introduced in all the Municipal Schools. As the Revised curriculum contained some new subjects and new methods of teaching the various subjects, a series of lectures by educationists and the staff of the Training Classes were arranged for the guidance of the teachers of all sides, specially with reference to the subjects included in the Revised Curriculum and in this way the teachers were given the guidance that was necessary. An amount of over Rs. 25,000 was spent on the purchase of equipment, books and materials for teaching subjects according to the Revised curriculum.

Lectures on the New School Curriculum.

20. Owing to difficulties of transport, shortage of funds and other reasons, the Annual Sports were not held during the year under report.

Annual Sports.

21. The following number of ladies were under training in the classes of the Rahimtoola Currimbhoy Urdu Training Institute during the year under report:—

The R. C. Training Institute.

Class.	No. of girl stipendiaries.	No. of teachers on deputation.	Total No. of pupils.
Junior 1st Year Class ...	6	4	10
Senior 1st Year Class ...	12	3	15
Total ...	18	7	25

The results of the examinations held in the year 1944 are given below:—

Junior 1st Year.		Senior 1st Year.	
No. appeared.	No. passed.	No. appeared.	No. passed.
10	10	15	5

22. The Marathi, Gujarati, Hindi and Urdu Training Classes started in the previous year were all continued during the year under report. At the end of the year, there were 412 teachers under training at these classes.

The Marathi, Gujarati, Hindi, & Urdu Training Classes.

23. As stated in the report for the previous year, all the Municipal Free Reading Rooms and Libraries were transferred from the Schools Committee's Department and placed under the control of a separate officer called the 'Chief Librarian' from the 1st March 1943. The report about the Free Reading Rooms and Libraries, will, therefore, be found separately included in the Municipal Commissioner's Administration Report. The Municipal Teachers' Library continues naturally with the Schools Committee's Department and during the year under report the stock of books in the same was replenished by the addition of about a thousand new books of interest on various subjects. This added to the popularity of the library among teachers with the result that the number of books taken from the library by teachers exceeded that in the previous year by about 30 per cent. on an average.

Free Reading Rooms & Libraries.

24. The seven Local Ward Committees carried on their work as usual during the year under report. The Schools Committee's Employees' Co-operative Credit Society afforded great monetary help to the employees of the Committee by granting loans to the needy.

Miscellaneous.

25. In conclusion, the Schools Committee place on record their appreciation of the Services rendered by the officers, clerks, teachers and the inferior staff in their department, during the year under report.

Appreciation of the work done by the staff.

K. KHANDVALA,
Secretary, Schools Committee.

APPENDIX 'A'

THE BOMBAY MUNICIPAL SCHOOLS COMMITTEE.

Income and Expenditure Account of the School Fund for the year 1943-44.

Receipts.	Rs.	a.	p.
(1) Balance on 1st April 1943, ...	20,000	0	0
(2) Fees from Municipal Schools ...	30,569	12	0
(3) Contribution from General Municipal Fund ...	46,42,701	0	4
(4) Interest on Endowment and Trust Funds	5,911	5	0
(5) Miscellaneous Receipts ...	772	14	3
(6) Pension Fund subscription from employees ...	...		
Total ...	46,99,954	15	7

Expenditure.	Rs.	a.	p.	Rs.	a.	p.
A-Schools.—						
(1) Headmasters and Teachers ...	23,74,422	14	0			
(1A) Training Institutions	52,365	13	0			
				24,26,788	11	0
(2) Servants ...				2,05,644	8	0
(3) Rent of School Premises ...				5,56,288	5	10
(4) Class Books ...				2,127	11	3
(5) Furniture for Schools ...				5,169	4	6
(6) Prizes ...				...		
(7) Contingencies and Miscellaneous ...				6,56,899	0	1
(8) Stipends to students under training ...				93,348	8	0
(9) Superintendents & their Establishments				1,16,786	13	0
(10) Grant-in-aid to Primary Schools ...				2,12,331	0	0
(11) Teachers' Library & Museum ...				3,440	15	0
(12) Medical Inspection & Clinical Treatment				...		
(13) Superintendent, Aided Schools ...				15,175	7	9
(14) Census Establishment ...				35,939	4	0
(15) Pension Gratuity, & Compassionate Allowance ...				1,36,788	14	0
(16) Municipal share towards Provident Fund ...				1,85,186	8	0
B.—Buildings—Monsoon & Petty Repairs				10,933	10	0
C.—Public Libraries ...				78	7	0
Interest credited to Jivkore Lallubhai Scholarship Fund ...				4,477	4	8
Adjustment of Provident Fund discrepancies ...				12,530	11	6
Balance as on 31st March 1944 ...				20,000	0	0
Total ...				46,99,954	15	7

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee,

APPENDIX 'B'.

Balance Sheet as on 31st March 1944.

Liabilities.	Rs.	a.	p.	Rs.	a.	p.
Advances from the Chief Accountant.						
On account of Municipal contribution ...				47,026	7	1
Deposit Accounts.						
Miscellaneous ...	11,130	1	3			
Unclaimed wages, regarding schools ...	11,241	12	3			
Unclaimed Rent ...	5,470	14	0			
Contractors ...	1,385	0	0			
Unclaimed wages, regarding offices ...	1,220	4	0			
Schools Committee employees Co-operative Credit Bank, Ltd.	701	0	0			
Income-tax recoveries ...	110	5	0			
Court attachment recoveries ...	12	8	0	31,271	12	6
Trust Scholarships and Prize Funds (vide Schedule No. 1).						
Investment securities (as per contra) ...	2,04,294	8	0			
Interest and Cash ...	18,667	2	0	2,22,961	10	0
Balance (Statutory) ...				20,000	0	0
Total ...				3,21,259	13	7

Assets.	Rs.	a.	p.	Rs.	a.	p.
Imperial Bank of India Government, etc., Paper Deposit Account (vide Schedule No. 2).						
On account of Trust, Scholarship and Prize Fund (as per contra) ...				2,04,294	8	0
Advances.						
To Heads of all schools (for contingency)	2,884	13	0			
To officials (*vide* Schedule No. 3) ...	619	0	0			
To Garrison Engineer for water charges ...	5	0	0	3,508	13	0
Bank and Cash Balances.						
Balance at Imperial Bank	1,13,337	15	11			
Cash in Office Treasury	118	8	8	1,13,456	8	7
Total ...				3,21,259	13	7

K. KHANDVALA,
Secretary, Schools Committee.

J. R. NAIK,
Superintendent of Accounts.

APPENDIX B.

Balance Sheet as on 31st March 1944.

SCHEDULE No. 1.

Details of Trust Scholarships and Prize Funds.

Name.	Investments. Rs. a. p.	Interest & cash. Rs. a. p.	Total. Rs. a. p.
(1) Donations, *re*: scholarships to Urdu Girls' Schools	...	194 9 0	194 9 0
(2) Harkisondas Brijlal Prize Fund ...	600 0 0	43 13 0	643 13 0
(3) Dr. Blaney Prize Fund ...	1,300 0 0	115 0 0	1,415 0 0
(4) Madhavdas Raghunathdas Prize Fund ...	500 0 0	51 8 0	551 8 0
(5) Jivkore Lallubhai Scholarship and Prize Fund ...	3,000 0 0	5,607 0 8	8,607 0 8
(6) Bachubai S. Bengali Prize Fund ...	1,200 0 0	97 12 0	1,297 12 0
(7) Lady Hardinge Prize Fund ...	1,600 0 0	149 15 3	1,749 15 3
(8) R. S. Taki Scholarship and Prize Fund ...	1,100 0 0	132 14 0	1,232 14 0
(9) War Loan Prize Fund ...	4,400 0 0	325 6 0	4,725 6 0
(10) Rambhabai L. Prabhudas Scholarship and Endowment Fund ...	10,000 0 0	220 10 4	10,220 10 4
(11) Permanand Raja Endowment Fund ...	13,800 0 0	...	13,800 0 0
(12) Valibai Vallabhdas Endowment Fund ...	29,000 0 0	...	29,000 0 0
(13) Nagardas Raghunathdas Scholarship and Endowment Fund ...	23,000 0 0	303 8 0	23,303 8 0
(14) Navalbai Raghunathdas Scholarship Fund ...	2,800 0 0	304 8 8	3,104 8 8
(15) Madhavrao Rokde Free School Endowment Fund	27,800 0 0	...	27,800 0 0
(16) N. G. Welinkar Scholarship and Prize Fund ...	1,043 2 0	146 10 5	1,189 12 5
(17) Jairajbhoy Peerbhoy Girls' School Trust Fund ...	2,400 0 0	...	2,400 0 0
(18) Thakkar Peraj Padamsi Endowment Fund ...	8,000 0 0	30 0 0	8,030 0 0
(19) Parvatibai Dwarkadas Prize Fund ...	200 0 0	18 0 0	218 0 0
(20) Golden Jubilee of the S. S. Bengali Girls' School Trust Fund ...	4,900 0 0	576 3 0	5,476 3 0
(21) Seth Dwarkadas Tribhuwandas, J.P., Garba Party Lahani Fund ...	5,500 0 0	540 1 6	6,040 1 6
(22) Ratansi Mulji Scholarship and Endowment Fund	10,000 0 0	273 15 0	10,273 15 0
(23) Manekbai Ratansi Prize Fund ...	1,000 0 0	40 0 0	1,040 0 0
(24) Seth Dwarkadas Tribhuwandas, J.P., Prize Fund	3,000 0 0	216 9 0	3,216 9 0
(25) Rahimtoola Currimbhoy Training Institute for Women Scholar-ship Fund ...	18,000 0 0	6,792 7 1	24,792 7 1
(26) Padmabai Quran Shariff School Trust Fund ...	6,500 0 0	...	6,500 0 0
(27) Jeshtaram Premji Gujarati School Trust Fund ...	9,100 0 0	...	9,100 0 0
(28) Bai Gulabbai H. Shah Prize Fund ...	900 0 0	143 14 6	1,043 14 6
(29) Kharshedbai D. Wadia Prize Fund ...	500 0 0	59 12 0	559 12 0
(30) S. B. Pendurkar Scholarship Fund ...	600 0 0	123 8 1	723 8 1
(31) S. S. Bengali Gujarati Girls' School Trust Fund	97 10 0	14 1 4	111 11 4
(32) H. G. Anjaria Memorial Fund ...	1,200 0 0	276 3 0	1,476 3 0
(33) Anandibai Keskar Dadar Kumbharwada Marathi Girls' School Trust Fund. ...	100 0 0	7 0 0	107 0 0
(34) Municipal Gulabbai Central Gujarati Kanyashala Diamond Jubilee Memorial Fund ...	5,200 0 0	453 10 0	5,653 10 0
(35) Vishnupant Pagnis Memorial Fund ...	1,500 0 0	118 4 0	1,618 4 0
(36) Behn Manjula Daughter of Ramdas Madhavji Memorial Fund ...	2,500 0 0	43 10 0	2,543 10 0
(37) Nowrozjee Sorabji Bengalee Prize Fund ...	1,953 12 0	44 12 2 *1 7 10	2,000 0 0
(38) Bai Kashibai Itchhashankar Joshi Prize Fund ...	......	1,202 0 0	1,202 0 0
	2,04,294 8 0	18,668 9 10	2,22,963 1 10
* Less Interest paid in advance ...	......	1 7 10	1 7 10
Total ...	2,04,294 8 0	18,667 2 0	2,22,961 10 0

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 2.

Details of Government, etc., paper deposited with the Imperial Bank of India.

Particulars.	Face value.	Book value.
	Rs.	Rs. a. p.
3½ per cent. Government Loan (1842-43) ...	40,800	40,743 2 0
Do. (1954-55) ...	9,700	9,697 10 0
Do. (1900-01) ...	21,400	21,400 0 0
Do. (1865) ...	3,100	3,053 12 0
Do. (1879) ...	1,000	1,000 0 0
5 per cent. Tax Free Loan (1945-55) ...	22,300	22,300 0 0
4½ per cent. Govt. Loan, (1955-60) ...	12,600	12,600 0 0
4 per cent. Bombay Municipal Debentures (1963-65) ...	2,500	2,500 0 0
4 per cent. Bombay Municipal Loan 70 lacs (1974) ...	29,000	29,000 0 0
6 per cent. Bombay Municipal Loan 160 lacs (1954) ...	35,000	35,000 0 0
6 per cent. Bombay Municipal Loan 40 lacs (1930) ...	500	500 0 0
4 per cent. B.P.T. Bonds (1950-60) ...	24,500	24,500 0 0
4½ per cent. Ghatkopar-Kirol Municipal Debentures. ...	1,000	1,000 0 0
10 shares each of Rs. 100/- of theAhmedabad Commercial Mills, Co. Ltd.	1,000	1,000 0 0
Total ...	2,04,400	2,04,294 8 0

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

SCHEDULE No. 3.

Details of Advances to Officials.

Serial No.	Name.	Amount.
		Rs.
1	Secretary, Schools Committee ...	250
2	Superintendent, Aided Schools ...	40
3	Headmaster, Gujarati Training Class ...	40
4	Headmaster, Hindi Training Class ...	40
5	Headmaster, Urdu Training Class ...	40
6	Special Attendance Officer	30
7	In-charge Teacher Painting Class	21
8	Assistant Organising Commissioner, Boy Scouts ...	20
9	Headmaster, Bhuleshwar Gujrati School Printing Class	20
10	Headmaster, Foras Road Marathi School Binding Class ...	18
11	Headmaster, R. C. Training Institute ...	15
12	Supervisor, Handicrafts & Stores ...	15
13	Librarian, Teachers' Library ...	15
14	Clerk A, B & C Ward Local Committees	15
15	Assistant Organising Commissioner, Girl Guides ...	10
16	Clerk, D & G Ward Local Committees	10
17	Clerk, E & F Ward Local Committees	10
18	In-charge Teacher, Clock Repairing Class	10
	Total ...	619

J. R. NAIK,
Superintendent of Accounts.

K. KHANDVALA,
Secretary, Schools Committee.

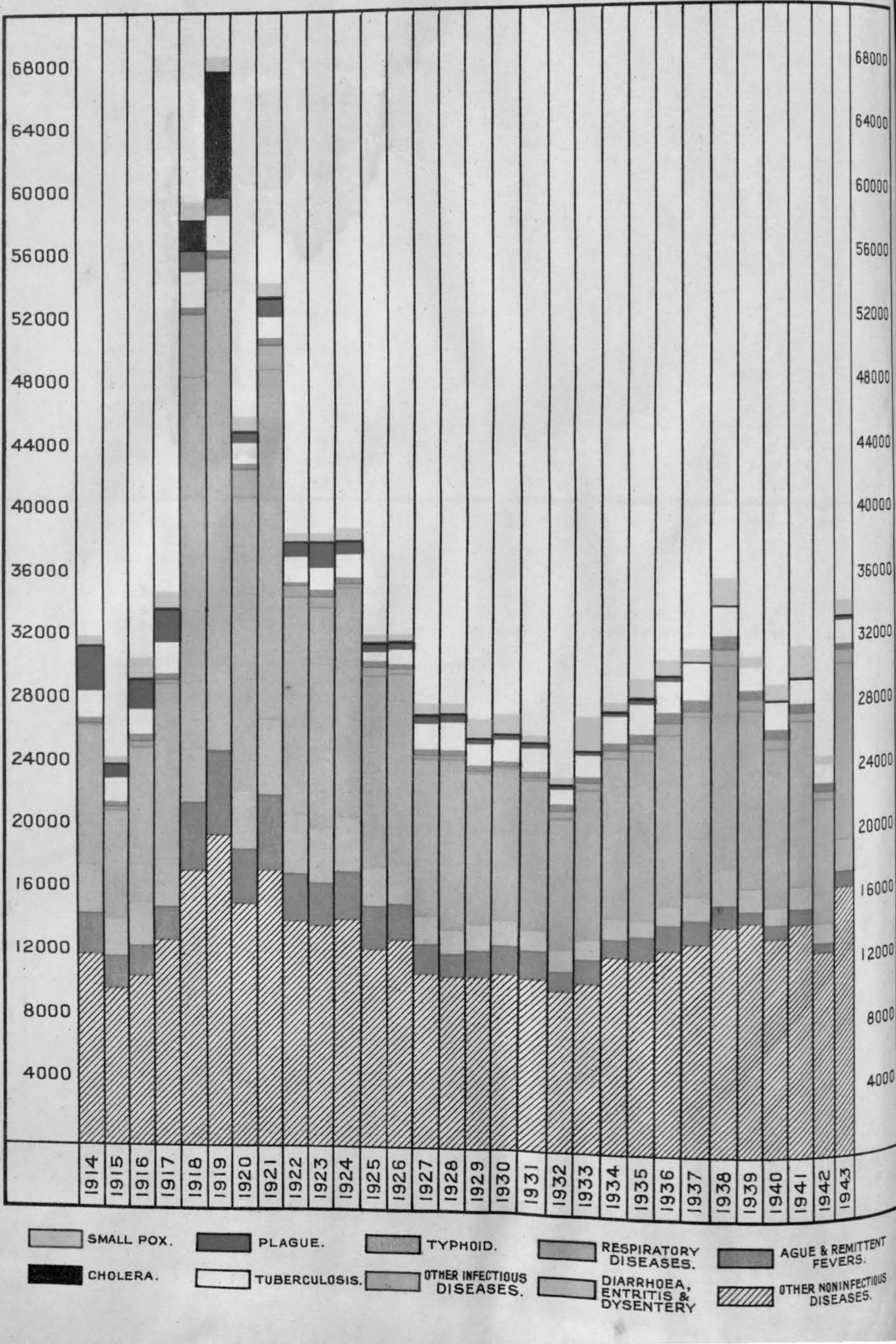
SUMMARY OF STATISTICS.

FOR THE YEAR 1943.

1	Area of Bombay City and Island	26.189 Sq. Miles
2	Average density per acre	89
3	Population by the Census of 1941	14,89,883
4	Number of live births registered	44,015
5	Birth rate per 1,000 population	29.5
6	Number of deaths	34,165
7	Death rate per 1,000 population	22.9
8	Number of deaths among infants (under 1 year)	8,690
9	Infant deaths per 1,000 births	197.4
10	Plague—number of deaths from	2
11	Small pox—number of deaths from	519
12	Small pox—Death rate	0.3
13	Cholera—number of deaths from	9
14	Cholera—Death rate	0.0
15	Influenza—number of deaths from	53
16	Influenza—Death rate	0.0
17	Tuberculosis—number of deaths from	1,950
18	Tuberculosis—Death rate	1.3
19	Maternal Deaths	143
20	Maternal Death rate per 1,000 births (including still births)	3.0
21	Maternal Death rate per 1,000 live births	3.2

DIAGRAM

ANNUAL TOTAL DEATHS FROM DIFFERENT CAUSES IN BOMBAY 1914 - 1943.



ANNUAL REPORT OF THE
EXECUTIVE HEALTH OFFICER
FOR 1943.

Review of the year.—Although the year passed off without any epidemic it cannot generally be said to be a normal year. Not only did people, who had voluntarily evacuated from the City during the previous year, returned but owing to the tremendous increase in industrial activities connected with the war effort, people from far and near began to flock into the City in large numbers from the early part of the year. This was clearly evident from the result of the preliminary census operations in connection with the introduction of food rationing into the City undertaken by this Department at the request of Government. This census revealed that the population of the City had exceeded 18,50,000 in the month of February and the figures obtained from the Controller of Rationing a few months later showed that it stood at no less than 20,89,425. Along with the tremendous increase in population, there was a steady influx of unprotected persons into the City, which gradually prepared the ground for small-pox to flare up and by the end of the year our fears proved to be correct and the disease began to show a deffnite increase. The incidence of typhoid this year was higher than in any previous year, but owing to increased hospitalisation and a record number of inoculations, *viz.*, 62,891, the disease did not assume fearful proportions.

The difficulty of securing food, and the high prices of certin commodities essential for the maintenance of health tended towards creating an unfavourable situation with regard to the general health conditions of the City. Inspite of the above conditions the statistical indices show a fairly satisfactory picture of the state of public health in the City. It may be stated that among other things the timely rationing of the essential food grains helped to maintain the statistical rates at a farily satisfactory level.

The 2 deaths from plague which occurred during the year were among cases brought into the City by the Military authorities for treatment and had therefore no local significance. Out of the 9 deaths from chloera 5 were among imported cases. The remaining 4 were among local cases, which were diagnosed on the examination of stools which showed cholera vibrio. On epidemiological grounds these appeared more likely to be cases of gastro-enteritis among carriers. There were no deaths due to these diseases during the previous year. The number of deaths caused by small-pox, influenza, diseases of the respiratory system, and tuberculosis in each instance was less than that for the previous year or for the preceding decennium (*vide* Table on page 2).

Area and Population.—The area of the City and Island is 26.189 square miles (16761.5762 acres). Although the average density of population of the City worked out on this area was 89 per acre in 1941, as shown by sections in Table No. 2 (Appendix), on account of increased industrial and other activities the population which according to the 1941 census was 14,89,883 having increased to 20,89,425 during the year the density of population stood at 124 per acre.

Although the population of the City according to the 1941 census was 14,89,889 as shown by sections in Table No. 1 (Appendix) and has been taken for statistical purposes of this report at the same figure, the actual population of the City during the year as ascertained from the rationing authorities was about 20,89,425 as stated above, and the death rates worked out and shown in this report for the different diseases on the census population would in fact be much lower if calculated on the actual population during the year.

BIRTHS AND BIRTH-RATES

The number of live births registered during the year was 44,015. It was 12,479 more than in 1942 and 8,482 more than the average of the decennium (1933-42). The number of births registered each month during the year under review and in 1942 was as shown below :—

Period.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.
1942	3,593	3,005	2,139	1,995	2,047	1,882	1,999	2,194	2,446	3,240	3,373	3,623
1943	2,863	2,141	2,295	2,909	3,153	3,372	3,458	3,732	4,409	4,970	5,186	5,527

Of the registered births 22,740 were males and 21,275 females, the proportion of males to females being 107 to 100. The birth rate calculated on the census population of 1941 was equivalent to 29.5 per thousand. The birth rate recorded year by year for the City is not probably a fair measure of the true fertility of the population as a large number of births escape registeration due to negligence on the part of the parents and others responsible for their registration. Lack of legal steps against such persons and slackness on the part of the Birth Registration Karkoons are also responsible for some of the births escaping registration. Efforts are being made to secure prompter registration of such births.

Table No. 3 (Appendix) shows the number of births by communities and the birth rate per 1,000 of their population. Table No. 3A (Appendix) shows the number of births registered in each month during the years 1941, 1942 and 1943 and the average of the preceding five years (1938-1942).

The number of still-births reported was 3,129.

DEATH AND DEATH-RATES

The total number of deaths registered from all causes during the year was 34,165 against 25,177 in 1942. It was 3,787 less than the average annual mortality of the quinquenium (1938-42) and 4,523 more than the average mortality of the preceding 10 years (1933-42).

The death rate per 1,000 persons living according to the 1941 census was 22.9 (while it comes to about 16.3 according the actual population mentioned above) as against 16.9 in 1942, 20.9 in 1941 and 24.2, the average for the preceding decennium. The death-rate (like the birth-rate) is invariably high amongst the poorer classes, and as an unduly large proportion of the population of the City belongs to the poorer sections of society, the general death rate is raised by that of the unusually large proportion of the very poor. The social and economic causes usually tend to contribute toward an increased death-rate amongst the poorer section of the people. High rate of infantile mortality is also chiefly responsible for the increase in the death-rate of the City. It is generally observed that nearly 50 per cent. of the mortality is due to deaths of children below 5 years of age. During the year under review 25.4 per cent. of deaths alone were among infants below 12 months. Out of this nearly 47.5 per cent. of infantile deaths were recorded under congenital debility, premature births, malformation, etc.

The annual total deaths from different causes in Bombay since 1914 are indicated in the diagram "A" facing page No. 1.

The annual death-rates during the last fifty years are indicated in the Diagram "B" facing page No. 2.

Mortality by Sex and Age.—Of the total number of 34,165 deaths in the year 19,167 were among males and 14,998 among females. The large number of deaths among males is due to the preponderance of males who constitute nearly sixty-three per cent. of the population, the actual death-rate being higher among females. Thus male death-rate was 20 and the female death-rate 27 in 1943 as against 15 and 20 respectively in 1942. The comparatively high death-rate among females is due to various causes one of them being the enhanced risk to life and health during the child bearing period. Women are burdened with the responsibilities of the child-bearing which if they are not properly cared for due to poor circumstances, want of proper nourishment and rest, saps their vitality in early age. They are thus rendered easily susceptible to various diseases to whic they fall victim.

The following table shows the proportional contribution to the total deaths of each age group in the two sexes :—

TABLE OF PERCENTAGES TO THE TOTAL MORTALITY BY AGE-PERIODS IN 1941, 1942 and 1943.

Age Period.	1941		1942		1943			
	Total Mortality.	Percentage.	Total Mortality.	Percentage.	Total Mortality.			Percentage.
					Male.	Female.	Persons.	
Under 1 year ...	8,445	27.1	6,164	24.5	4,580	4,110	8,690	25.4
1 to 5 years ...	5,052	16.2	3,825	15.2	2,993	3,153	6,146	17.9
5 to 10 years ...	987	3.2	727	2.9	536	543	1,079	3.2
10 to 15 years ...	581	1.9	436	1.7	310	313	623	1.9
15 to 20 years ...	859	2.8	696	2.8	419	458	877	2.5
20 to 30 years ...	3,321	10.7	2,662	10.6	1,992	1,611	3,603	10.5
30 to 40 years ...	2,942	9.5	2,645	10.4	2,005	1,244	3,249	9.5
40 to 50 years ...	2,396	7.7	2,187	8.7	1,908	733	2,641	7.7
50 to 60 years ...	2,113	6.8	1,986	7.9	1,719	710	2,429	7.2
60 years and above ...	4,399	14.1	3,849	15.3	2,705	2,121	4,826	14.2
Age unspecified ...	1	0.0	...	...	...	2	2	0.0
Total ...	31,096	100.0	25,177	100.0	19,167	14,998	34,165	100.0

It will be seen from the table that the percentage of deaths among infants under one year of age to the total mortality in the year under notice was higher, as in the past, than in the case of any other age-group. So far as the mortality at different age-periods is concerned it is an established fact that the mortality rate is the highest upto one year of age. It also remains high upto 5 years. After 5 years of age the death-rate falls and again shows an increase at the 20-30 years age period. This is due to the young people commencing to take upon themselves the responsibilities of married life and thus exposing themselves to various vicissitudes of life. The mortality rate among people who survive this stage again falls upto about 50 years of life and rises again after 60 years when most of the deaths are to be attributed to old age.

CAUSES OF DEATHS

The tabulation of deaths by causes since 1941 is carried out in accordance with the "Manual of International List of Causes of Death as adopted for use in England and Wales, 1938 Edition". Table No. 12 (Appendix) includes the full list of causes of deaths. All other statements of the causes of deaths are arranged in the form of the Short List of Causes adopted by the Registrar-General for England and Wales and the Local Government Board with certain sub-divisions which were found important for tabulation purposes in the City of Bombay.

Principal Causes of Death.—Table of Deaths and Death-rates from Epidemic Diseases and certain other Principal Causes of death in 1943 and 1942 with averages for 10 years (1933-42) :—

Causes of Death.	1943		1942		Average of years (1933-42)	
	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate per 1,000 of Population.	Number of Deaths.	Death-rate pe r 1,000 of Population.
Principal Epidemic Diseases—						
Small-pox ...	519	0.3	591	0.4	1,043	0.8
Measles ...	303	0.2	186	0.1	186	0.1
Plague ...	2	0.0	...	...	10	0.0
Enteric Fever ...	567	0.4	375	0.2	343	0.3
Malarial Fever ...	154	0.1	109	0.1	100	0.1
Ague and Remittent Fever ...	797	0.5	400	0.3	1,023	0.8
Influenza ...	53	0.0	29	0.0	63	0.05
Cholera ...	9	0.0	...	...	6	0.0
Dysentery ...	425	0.3	315	0.2	415	0.3
Diptheria ...	59	0.0	55	0.0	51	0.0
Other Principal Diseases—						
Tuberculosis ...	1,950	1.3	1,581	1.0	1,874	1.5
Cerebro-Spinal Fever ...	78	0.05	29	0.0	93	0.1
Diseases of the Nervous System ...	1,093	0.7	859	0.6	1,124	0.9
Diseases of the Respiratory System ...	11,139	7.5	7,740	5.2	10,332	8.4
Diarrhoea and Enteritis ...	1,318	0.9	819	0.5	971	0.8
Puerperal State ...	144	0.1	122	0.1	183	0.1
Congenital Debility and Diseases of early Infancy	4,167	2.8	2,105	1.4	3,352	2.7
Old Age ...	2,625	1.8	2,028	1.4	2,041	1.7
Leprosy ...	98	0.1	74	0.0	47	0.0
Violence ...	1,061	0.7	964	0.6	791	0.6
Other Causes ...	8,604	5.8	6,796	4.6	5,595	4.5
Total ...	34,165	22.9	25,177	16.9	29,643	24.1

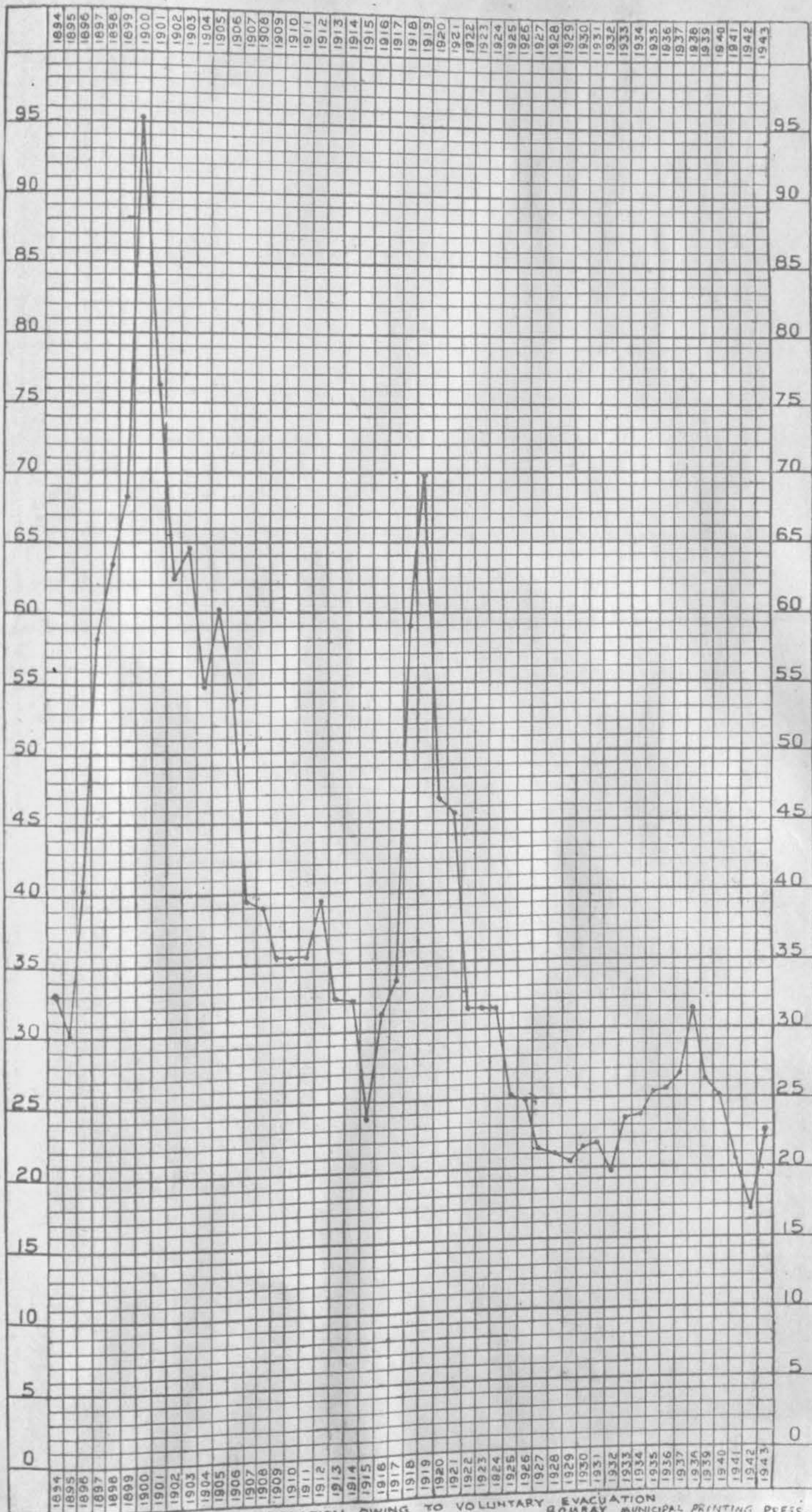
It will be seen from the table and diagram 'C' that diseases of the respiratory system were responsible as usual for a higher death-rate (7.5 uer 1,000) than any other group. A large proportion of deaths from respiratory diseases occur among infants and chidren under 5 years of age. Congenital debility and diseases of early infancy constitute the next most fatal group, giving a death-rate of 2.8 per 1,000 persons living. The groups coming next on the list for the year under report are deaths attributed to old age (1.8) and tuberculosis (1.3).

B

DIAGRAM

ANNUAL DEATH RATE IN BOMBAY

1894—1943.



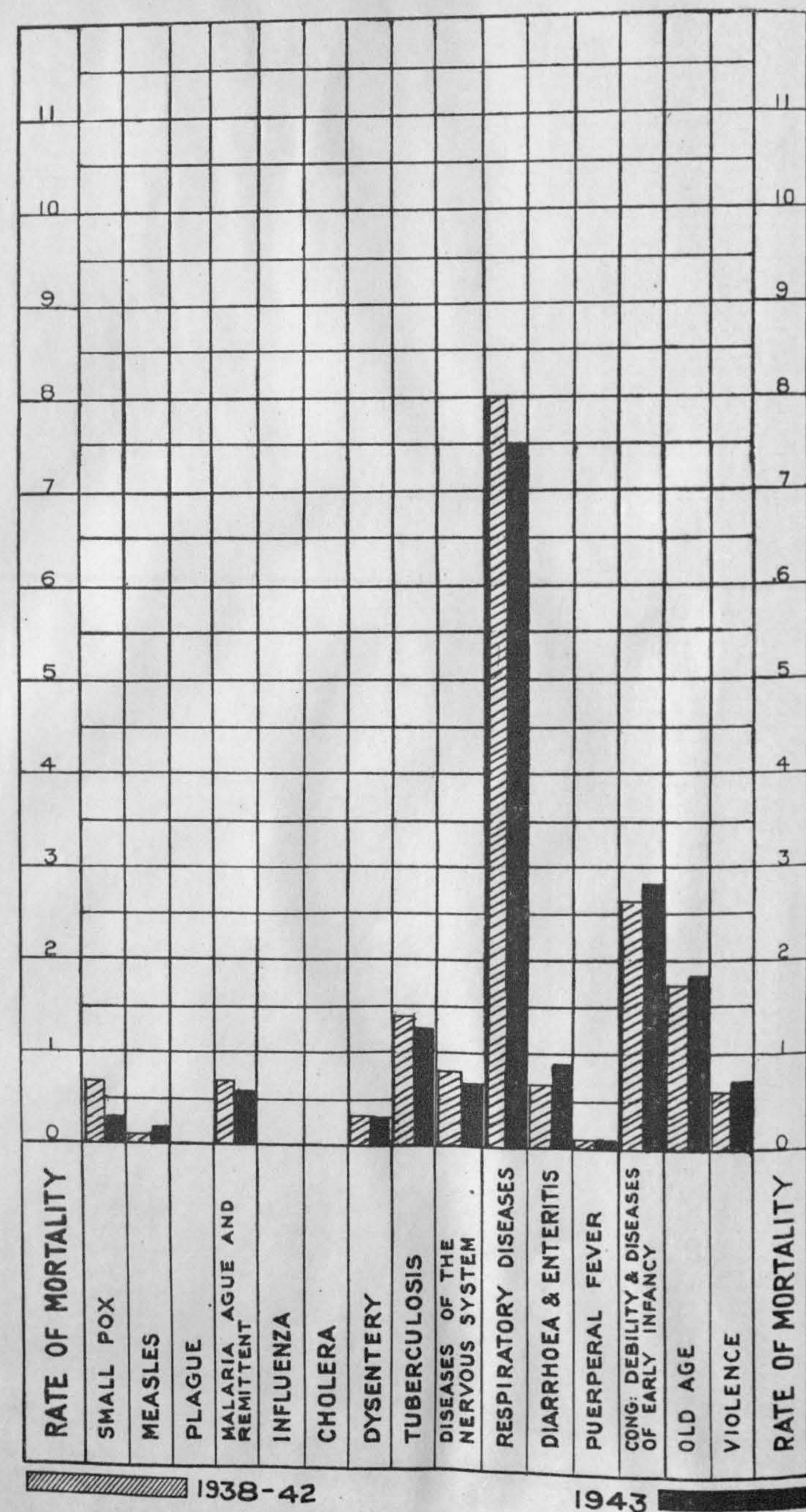
+ LOW RATE DUE TO FALL IN POPULATION OWING TO VOLUNTARY EVACUATION

BOMBAY MUNICIPAL PRINTING PRESS.

C

DIAGRAM

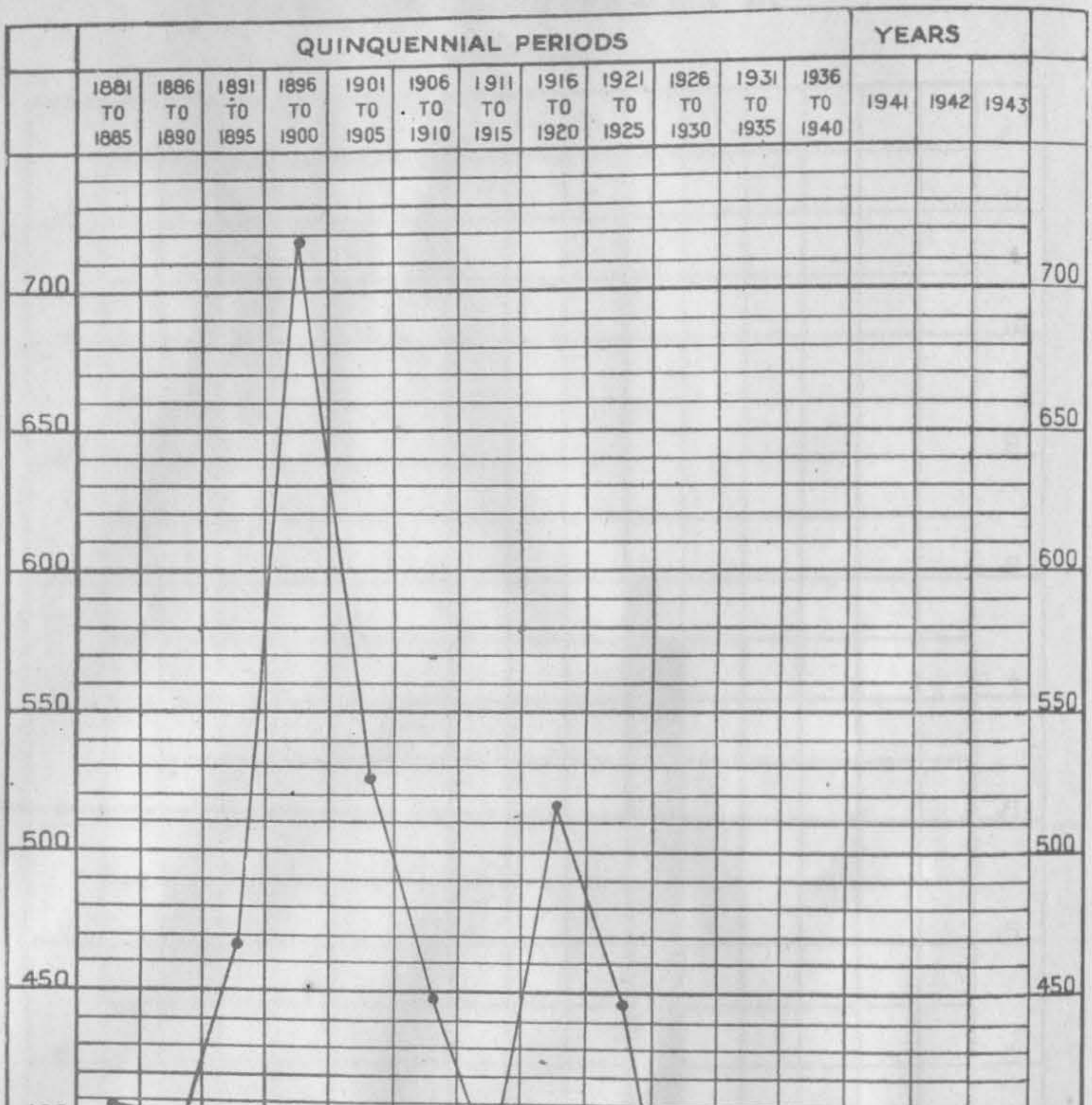
DEATH RATE PER 1000 OF POPULATION FROM PRINCIPAL CAUSES IN BOMBAY IN 1943 AND THE QUINQUENNIAL AVERAGES IN 1938—1942.



D

DIAGRAM

DEATHS IN INFANTS PER 1000 BIRTHS IN BOMBAY 1881—1943.



BOMBAY MUNICIPAL PRINTING PRESS.

Certification of Causes of Death.—The percentages of deaths certified to the total number of deaths in 1943 and the preceding five years are shown in the following table :—

Year.	Total Deaths.	Verified by District Registrars.	Number of Certificates of the Cause of Death received from						Percentage of Total Certificates received to the Total Mortality.
			Medical Officers of Hospitals.	Private Medical Practitioners.	Hakims and Vaidyas.	Commissioner of Police.	Coroner of Bombay.	Total	
1938 ...	35,999	22,381	7,698	4,586	39	219	1,076	13,618	37.83
1939 ...	30,520	18,331	7,105	3,887	6	166	1,025	12,189	39.94
1940 ...	29,100	16,984	7,036	3,772	12	117	1,179	12,116	41.6
1941 ...	31,096	18,329	7,260	4,104	76	152	1,175	12,767	41.5
1942 ...	25,177	14,213	6,283	3,152	41	207	1,281	10,964	43.5
1943 ...	34,165	20,517	6,964	4,643	38	341	1,662	13,648	39.9

Table No. 12 appended to the Report gives detailed information regarding the incidence of deaths from principal causes by months.

The mortality from Plague, Small-pox, Cholera, Influenza, Tuberculosis and Fevers in 1943 is discussed on pages 7 to 10

The mortality rates for several diseases among different communities in the City are shown in Table No. 14 appended to the Report.

Mortality by Months.—The following table shows the total number of deaths registered in each month of the year. The number of monthly total deaths in 1942 is added to the table for comparison.

TABLE SHOWING THE MONTHLY TOTAL DEATHS IN 1943 AND THE MONTHLY NUMBER IN 1942.

Year.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
	MONTHS												
1943	2,414	2,191	2,444	2,638	2,777	2,860	3,229	3,190	2,909	3,094	3,045	3,374	34,165
1942	2,694	2,485	2,439	1,852	1,538	1,515	2,097	2,249	2,067	2,082	1,979	2,180	25,177

Mortality by Sections.—Table No. 6 (Appendix) shows total deaths and death-rates by sections in 1943 and the quinquennial averages (1938-42) and Table No. 9 (Appendix) total deaths by sections and by months during 1943.

Copies of Death and Birth Certificates issued.—During the year, 3,597 copies of registry of death and 1,338 copies of the certificates of birth were issued. The total fees received for copies of certificates and for searches of birth and death registers for various periods and for producing registers in Courts of Law amounted to Rs. 10,124-0-0 against Rs. 9,808-0-0 in 1942.

INFANT MORTALITY

The deaths among infants under one year of age numbered 8,690 being 2,526 more than in the preceding year and 400 more than the annual average of the decennium (1933-42).

The infant mortality rate expressed as the number of deaths among infants per 1,000 live births registered was 197.4 for the year 1943 as compared to 195.4 for the preivious year. The increase is not significant but this slight increase in the rate may have been caused, among other factors by the difficult food situation and the high prices of protective commodities, like milk, ghee, etc., so essential for the health of the mother and infant both during pregnancy and after confinement. The infant mortality rate should otherwise have shown a decline.

Of the 8,690 infants who died within one year of their birth, 6,572 or 75.6 per cent. were born in Bombay City and 2,118 or 24.4 per cent. in the mofussil (*vide* Table below showing the place of birth of these infants.) The births of these 2,118 infants were thus not registered in the City register. If, therefore, the figure 2,118 is excluded from the total number of infants who died in the City during the year, the rate of infant deaths per 1,000 births registered would be 149.3 instead of the official figure 197.4 as shown above. How much of this reduction in the rate can be set off against the deaths of infants occuring outside the City though born and registered in Bombay, cannot be estimated. But in any case the number will be small and therefore the infant death-rate after correction for residence would be approximately 150 per 1,000 live births—much lower than the recorded rate of 197 per 1,000 living. Millc

STATEMENT SHOWING THE NUMBER OF CHILDREN BORN IN AND OUT OF BOMBAY WHO DIED BEFORE COMPLATING TWELVE MONTHS OF AGE IN 1943.

	Bombay born.		Born out of Bombay.	Deaths under 1 year of age.
	Births registered.			
	Before death.	After death.		
Total ...	5,235	1,337	2,118	8,690
Percentage ...	60.26	15.33	24.41	100.00

The percentage of deaths amongst children born in the mofussil and not registered in the City to the total infant deaths in 1943 is 24.4 against 24.9 in 1942 and 28.2 in 1941.

The Diagram D facing this page shows the incidence of Infant Mortality rate during the last 63 years.

Cause of Death.—It will be seen from the sub-joined Table that 6,983 or nearly 80.3 per cent. of the total deaths among infants were due to diseases of the Respiratory System, Infantile Debility and Premature Birth, against 4,860 deaths, or 78.8 per cent. in 1942. Diarrhoea and Enteritis caused 508 deaths, Malaria, Ague and Remittent Fever 70 deaths and Convulsions 319 deaths. The deaths from Small-pox and Measles numbered 67 and 61 respectively.

Infant Mortality from Principal Causes from (1938-43).

Cause of death.	1938.	1939.	1940.	1941.	1942.	Average 1938 to 1942.	1943.	More or less.
Small-pox ...	442	40	196	283	107	213	**67**	−146
Measles ...	73	22	63	81	47	57	**61**	+ 4
Malarial Fever ...	2	10	5	9	9	7	**6**	− 1
Ague and Remittent Fever and Fever not defined ...	117	87	83	80	44	82	**64**	− 18
Diarrhoea and Enteritis ...	600	510	471	501	373	491	**508**	+ 17
Dysentery ...	74	85	66	50	45	64	**53**	− 11
Infantile Debility and Malformation including Premature Birth ...	3,637	3,627	3,501	3,588	2,871	3,445	**4,126**	+681
Diseases of the Respiratory System ...	3,749	3,747	2,550	2,918	1,989	2,991	**2,857**	−134
Convulsions ...	583	430	480	385	227	421	**319**	−102
All Causes ...	9,801	8,008	7,823	8,445	6,164	8,048	**8,690**	+642

Quinquennial Averages.—Compared with the averages of the preceding 5 years, the total number of deaths among infants was more by 642, the principal increase in the moratality being 681 under infantile debility, malformation and immaturity, and 17 under diarrhoea and enteritis, while in other causes, *i.e.*, small-pox, diseases of the respiratory system, convulsions, ague and remittent fever and fever not defined and dysentery, there was a decrease of 146, 134, 102, 18 and 11, respectively.

Age at Death.—The following table classifies the infantile deaths from principal causes in 1943 under different groups, upto one year, namely, under 7 days, 1-4 weeks, 4 weeks to 6 months and 6-12 months.

Table of Deaths among Infants from Principal Causes by Age-Periods in 1943.

Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diar-rhoea and Enteritis.	Dysen-tery.	Infantile Debility and Mal-formation including premature birth.	Diseases of the Respira-tory system.	Convul-sions.	All causes.	Percentage of death in age-period to the total deaths under 1 year of age.
Under 7 days ...	...	...	...	2	14	2	1,963	38	95	2,179	25.1
1 to 4 weeks ...	3	2	...	6	70	3	1,129	59	39	1,389	16.0
Total under 4 weeks	3	2	...	8	84	5	3,092	97	134	3,568	41.1
4 weeks to 6 months	29	16	4	21	224	18	767	1,008	120	2,383	27.4
6 to 12 months ...	35	41	2	35	200	30	267	1,752	65	2,739	31.5
Total ...	67	59	6	64	508	53	4,126	2,875	319	8,690	100.0

Of the total deaths among infants, 2,179 or 25.1 per cent. took place in the first week of life and 1,389 or 16.0 per cent. in the age period of 1 to 4 weeks. The mortality among infants who had not completed the first month of life was thus 3,568 or 41.1 per cent. of the total infant deaths. The number of deaths in the groups 4 weeks to 6 months and 6 to 12 months was 2,383 and 2,739 being respectively 27.4 and 31.5 per cent.

Neonatal Death-rate.

Year.	Births.	Deaths.	Rate.
1938	36,748	3,450	93.9
1939	37,822	3,332	88.1
1940	38,833	3,049	78.5
1941	39,954	3,325	83.2
1942	31,536	2,511	79.6
1943	44,015	3,568	81.1

Table of Percentage of Infant Deaths from Principal Causes at Several Age-Periods in 1943.

Age-period.	Small-pox.	Measles.	Malarial fever.	Ague and Remittent fever and fever not defined.	Diarrhoea and Enteritis.	Dysen-tery.	Infantile Debility and Mal-formation including premature births.	Diseases of the Respiratory system.	Convul-sions.	Other causes.	All causes.
Under 7 days ...	...	...	...	0.1	0.6	0.1	90.1	1.7	4.4	3.0	100.0
1 to 4 weeks ...	0.2	0.1	...	0.4	5.1	0.2	81.3	4.3	2.8	5.6	100.0
4 weeks to 6 months	1.2	0.7	0.2	0.9	9.4	0.7	32.2	42.3	5.0	7.4	100.0
6 to 12 months ...	1.3	1.5	0.1	1.3	7.3	1.1	9.7	64.0	2.4	11.3	100.0
Total percentage for all ages up to 1 year	0.8	0.7	0.1	0.7	5.8	0.6	47.5	32.8	3.7	7.3	100.0

The salient features of the above table are the magnitude of the role played by debility and prematurity in the causation of deaths in the first 4 weeks of life and the large proportion of deaths from respiratory diseases during the remaining 11 months of infancy.

Infant Mortality by Months.—The sub-joined table shows the number of deaths among infants in each month of the year. For comparison the monthly total number of deaths at ages 1 year and upwards is also inserted.

Age-period.	Number of Deaths												
	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Under 1 year ...	524	455	588	624	721	848	935	775	762	826	788	844	8,690
1 year and upwards	1,890	1,736	1,856	2,014	2,056	2,012	2,294	2,415	2,147	2,268	2,257	2,530	25,475

Table No. 13 appended to the Report shows the number of deaths among infants under one year of age by causes in detail and by months.

Infantile Mortality by Races.—The following table shows the death-rates among infants of different communities.

INFANT MORTALITY BY CASTE AND INFANTILE DEATH-RATE PER 1,000 OF BIRTHS REGISTERED IN EACH CASTE IN 1943.

Race or Caste.	Deaths under 1 year.	No. of Births registered.	Infant Mortality per 1,000 of births registered.
Hindus, Scheduled classes ...	1,880	7,211	260.7
Hindus, other castes ...	4,688	24,311	192.8
Mussalmans (including Negro Africans) ...	1,346	7,429	181.2
Parsees ...	79	944	83.7
Jews ...	40	399	100.2
Indian Christians ...	589	3,057	192.7
Anglo-Indians ...	18	203	88.7
Europeans ...	16	301	53.1
Buddhists ...	14	80	175.0
Other and Unknown Castes ...	20	80	250.0
Total ...	8,690	44,015	197.4

PREVENTION OF INFANTILE MORTALITY.

The usual maternity and child-welfare work done at the clinics at the five Maternity Homes since 1939 was continued during the year. This work comprises ante-natal, natal, post-natal, infant and pre-school care at home and at clinics. The clinics are held for 2 days in a week for each group. They are conducted by the Medical Officers in charge of the Maternity Homes who are assisted by the Health Visitors attached to them. The Health Visitors are required to visit expectant mothers or mothers and children attending the clinics at their homes to see if they follow the advice given to them, to go in search of expectant mothers and to advise and persuade them to attend the clinics and to avail themselves of the Municipal Maternity Homes or other hospitals in the City for confinement and to conduct maternity cases at homes of those who do not avail themselves of these facilities. Throughout this work the main objectives are kept in mind, namely medical supervision and health education. Attempts are made to lay greater emphasis on the education of the mothers with regard to their own care durig pregnancy and that of the children after they are born.

The Health Visitors in their visits to the Districts are also required to trace prospective mothers particularly among the poorer and ignorant classes and to advise and persuade them to attend the ante-natal clinics and subsequently to avail themselves of the facilities existing in the City in the form of free Maternity Homes and Hospitals.

This activity of maternity and child welfare needs further expansion both with regrard to facilities for ante-natal and post-natal work and infant and pre-school welfare. More maternity homes and at least 50 more Health Visitors who could take up generalised health nursing work should be provided if the City is to be adequately served. The clinics now held in the existing maternity homes should be further extended to other field areas where the mothers could attend in larger numbers and at regular intervals more conveniently than is at present possible owing to long distances and espenses involved. Attempts are being made to expand the work on these lines and the schemes of expansion of work have already been placed before the Medical Relief and Public Health Committee.

Dharavi, the most outlying and distant part of the City, is populated largely by the poor Scheduled Classes. In view of the fact that the nearest municipal maternity home and child welfare centre at Cadell Road is more than 3 miles away from this place, it was very difficult for these poor people to take advantage of it, and the need for establishing such a centre in the area itself, was felt for a long time. The proposal to provide a maternity and child welfare centre for this area was sanctioned by the Standing Committee and the Corporation by the end of 1942.

The centre will be located in the same building which accommodates our dispensary at present and will have a resident Health Visitor and an Ayah to help her in her work. As the quarters for the Health Visitor and the Ayah were not likely to be ready for some time, it was considered desirable to appoint the Health Visitor in order to enable her to acquaint herself with the area, to study local conitions and to start the work.

The appointment of the Health Visitor was made from 27th April 1943 and the work done by her since then shows that it was an urgent necessity.

Soon after her appointment, the Health Visitor carried out a maternity and child welfare survey of the area wich confirmed that sanitation was very poor, housing conditions with a few exceptions were deplorable, there was shortage of tenaments, population in general was illiterate, economic condition was bad, dietary was poor in quality and inadequate and malnutrition present in a number of infants and children, probably due to faulty feeding. It also confirmed that the number of infant deaths was high.

During the remaining period—June to December 1943, the Health Visitor paid 559 visits to pre-natal cases, 492 to post-natal, 1,330 to infants, 2,092 to pre-school children and 44 other visits making 4,517 in all. Out of 95 women confined from the area during these 7 months 35 were confined in hospitals, 2 by the Health Visitor, 1 by a Doctor and 57 by unskilled Dais. The fact that the Health Visitor could not reside in the locality in the absence of quarters was responsible for the number of confinements attended by her being very small. It is hoped that after she is provided with quarters she would be able to attend a large number of these home confinements and the number attended by Dais would be negligible.

The Health Visitors paid 45, 422 visits in various districts and also attended 260 cases of confinements during the year. In 5,082 cases, personal visits were paid by the Medical Officers in charge of the maternity homes.

The following table shows the work done at the Clinics and by the Health Visitors during the year 1943 :—

Particulars.	No. of cases.
(1) Number of cases confined by the Health Visitor in the district ...	260
(2) Visits by Health Visitors—	
Ante-natal	12,852
Natal	3,047
Post-natal	11,602
Infant	17,921
(3) Number of cases visited by the Medical Officers	5,082
(4) Number of cases registered in the clinics—	
Ante-natal	11,691
Post-natal	3,461
Infant	4,575
Others	3,463
(5) Total number of cases confined in the Homes	7,549
(6) Number of cases not registered at the Ante-natal Clinics but confined in the Homes	1,415

Relief to the poor and needy women during confinement in the shape of necessaries and comforts such as milk, bread, blankets, charpoys and linen was continued during the year and dispensed in 10 cases.

Municipal Maternity Homes.—There are five Maternity Homes maintained by the Municipality.

The number of mothers admitted to the Homes and the number of beds in each Home were as follows :—

Maternity Homes.	Number of Cases Admitted.		Number of Beds.
	1943	1942	
Mahomed Haji Saboo Sidik's Maternity Home at Bellasis Road ...	2,514	1,774	37
Kamar Khanum Maternity Home at Victoria Cross Road ...	1,809	1,171	50
Mahomed Haji Saboo Sidik Maternity Home at Imamwada ...	1,413	1,037	19
Mahomed Haji Saboo Sidik Maternity Home at Worli ...	1,609	1,061	24
Sorabji Shapurji Engineer Maternity Home at Khetwady ...	1,312	739	12
Total ...	8,657	5,782	142

The total number of women admitted during the year was 8,657 as against 5,782 in 1942. The number of cases confined in the Homes was 7,549 as against 4,990 in 1942. Of the women confined 1,704 were primiparae.

Out of 47,144 births (including 3,129 still births) registered in the City in 1943 (38,226) or 81.1 per cent. took place in Maternity Homes, as against 75.8 in 1942. The tendency of the people to avail themselves of the Maternity Institutions is steadily growing.

MEASURES FOR THE REDUCTION OF INFANT MORTALITY.

In the annual reports, since the year 1920, it has been repeatedly stated that the percentage of deaths among infants under one year of age to the total mortality has been higher than in the case of any other age-group. The Scheme suggesting ways and means, to reduce the infant mortality submitted to the Corporation in 1939 is under consideration.

Maternal Mortality.—The following table gives the classification of causes of death in puerperal state in 1943 as required under Corporation Resolution No. 10544 dated the 30th March 1931 :—

No.	Specific causes of Death.	No. of Deaths.
	Diseases of Puerperal State.	
1	Ante-partum Haemorrhage	12
2	Post-partum Haemorrhage	17
3	Toxaemias (*Eclampsia, Hyperemesis Gravidarum, Acute Yellow Atrophy, Albuminuria*)	22
4	Puerperal Sepsis (*Sapraemia, Septicaemia, Phlegmasia Alba Dolens, Coli Infection, etc.*)	32
5	Embolism ...	2
6	Shock during or immediately after delivery	23
7	Anaemia of Pregnancy	14
8	Malaria ... ... (Complications of Pregnancy) ...	...
9	Influenza, Pneumonia ... ... (Complications of Pregnancy) ...	...
10	T.B. ... ... (Complications of Pregnancy) ...	...
11	Heart Disease ... ... (Complications of Pregnancy) ...	...
12	Operative Interference ... ... (Complications of Pregnancy) ...	...
13	Ruptured Uterus	4
14	Breast Diseases	...
15	Puerperal Insanity	3
16	Other Causes	15
	Total ...	144

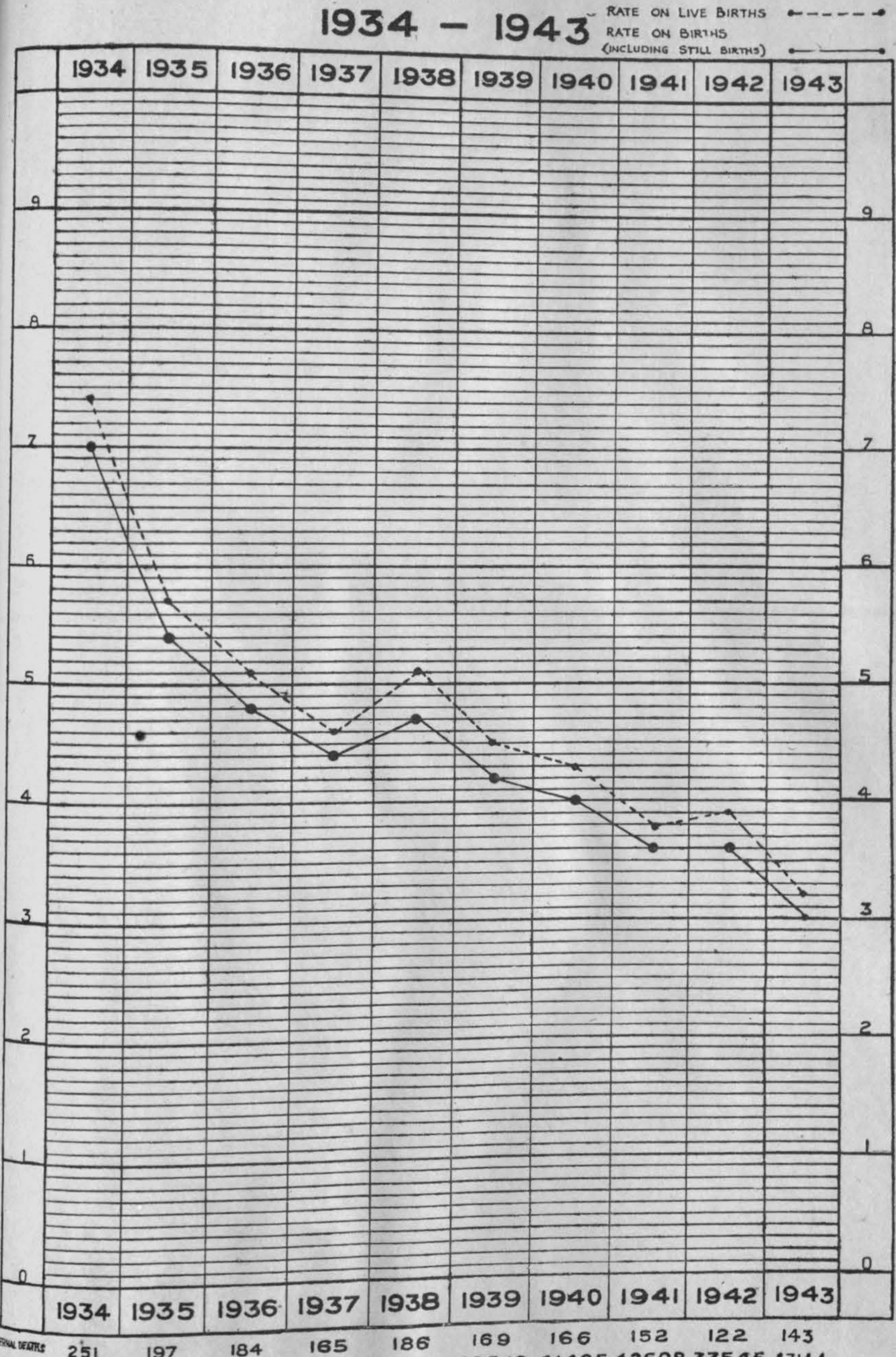
The attached chart "E" in the case will be of interest.

E

DIAGRAM

RATE OF MATERNAL DEATHS PER 1000 OF BIRTHS

1934 — 1943

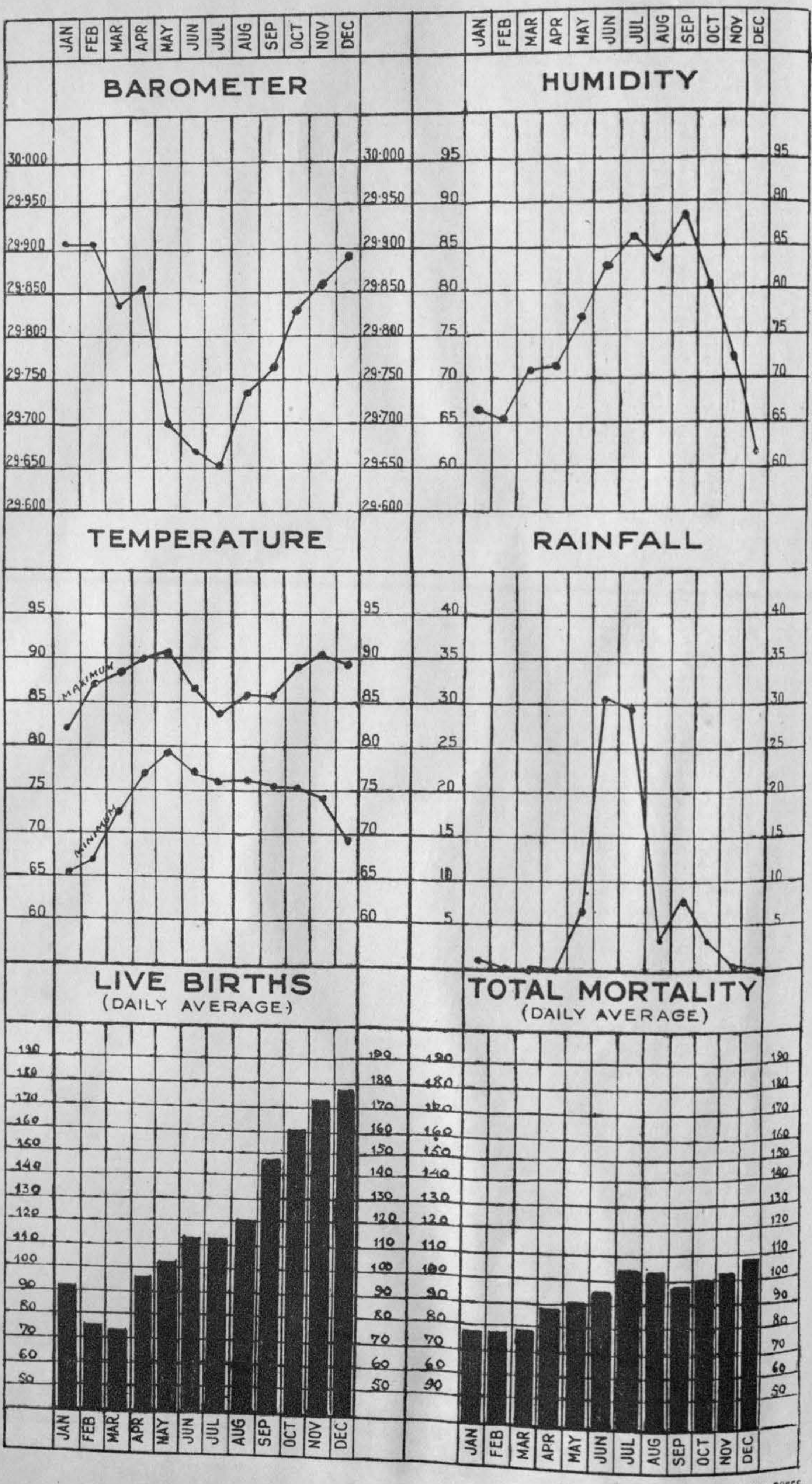


	1934	1935	1936	1937	1938	1939	1940	1941	1942	1943
MATERNAL DEATHS	251	197	184	165	186	169	166	152	122	143
BIRTHS	36089	36757	38334	37795	39313	40548	41485	42608	33546	47144
RATE	7·0	5·4	4·8	4·4	4·7	4·2	4·0	3·6	3·6	3·0
RATE	7·4	5·7	5·1	4·6	5·1	4·5	4·3	3·8	3·9	3·2

F

DIAGRAM

DAILY MEAN BIRTHS, DEATHS AND CLIMATIC CONDITIONS IN BOMBAY IN 1943.



BOMBAY MUNICIPAL PRINTING PRESS.

METEOROLOGY OF 1943.

Table No. 17 appended to the Report gives the meteorological data of 1943.

Rainfall.—The total rainfall recorded at the Colaba Observatory during the year 1943 was 81.35 against 81.73 in 1942 and 35.81 in 1941 and was more than normal by (11.0). Rain fell on 116 days during the year against 96 days in 1942 and 81 in 1941.

The maximum monthly rainfall was 30.19 in June against 32.36 inches in July 1942.

EPIDEMIC AND OTHER DISEASES.

Notification of Infectious Diseases.—Under the existing provisions of the Municipal Act, Medical Practitioners are required to report to the Health Authorities cases of Infectious diseases noticed or treated by them. The total number of infectious diseases reported during the year was 5,706 as against 4,808, in 1942. Of these 5,386 or 94.4 were reported by the District Registrars and 320 or 5.6 by the Medical Practitioners. No cases were notified by Hakims and Vaidyas.

The diseases, to which the notifications related, are set out by Section in Table No. 4 (Appendix).

Year.	Number of notifications received from			Total No. of cases registered.	Percentage of total notifications to the total No. of cases registered.
	Medical Practitioners.	Hakims and Vaidyas.	Total.		
1942	212	...	212	4,808	4.4
1943	320	...	320	5,706	5.6

Plague.—The 2 cases of plague reported during the year were brought from outside by the Military authorities into the City for treatment at the Infectious Diseases Hospital at Arthur Road and had therefore no significance from the point of view of the health of the City.

Anti Plague Measures.—The usual preventive and precautionary measures, namely (i) Inoculation, and (ii) Rat Destruction, were continued during the year.

(*i*) INOCULATION.—During the year 74 inoculations against plague were performed at the Haffkine Institute. These were among people who had to visit plague stricken districts outside the City limits.

(*ii*) RAT DESTRUCTION.—The total number of rats collected and destroyed during the year was 6,84,194 against 6,26,756 in 1942. It will be seen from the following statement that of the 6,84,194 rats collected and sent to the Haffkine Institute, 2,37,433 were examined and no rat was found infected. The last date on which an infected rat was detected in the City was 11th October 1934.

STATEMENT SHOWING THE NUMBER OF RATS SENT TO THE HAFFKINE INSTITUTE, THE NUMBER EXAMINED AND THE NUMBER FOUND INFECTED IN 1943.

Months.	Number of Rats sent to the Haffkine Institute.	Number of Rats Examined. Total.	Number of Rats found Infected.	Ratio Per Cent.
January	55,247	19,083	*Nil.*	*Nil.*
February	49,881	19,548		
March	48,089	16,636		
April	51,461	20,158		
May	47,928	15,982		
June	48,302	17,098		
July	47,135	16,848		
August	51,913	15,403		
September	59,009	19,329		
October	76,057	20,313		
November	72,527	27,855		
December	76,645	29,180		
Total ...	6,84,194	2,37,433	...	...

SUSCEPTIBILITY OF HOUSE RATS.

During the year 1943 observations on the susceptibility of City rats to plague infection were continued. 290 Rattus Rattus were given the standard plague infective dose and 15.5 per cent., died of the infection. In this case as well as in the case of the small field rat (Gunomyskok) the susceptibility has remained the same as in 1942 and 1941.

Small-pox.—Although small-pox was not prevalent in an epidemic form, the total number of 1,318 attacks and 519 deaths from the disease reported during the year 1943 was by no means small as compared with 1,454 attacks and 591 deaths during the previous year in the earlier part of which it was prevalent in epidemic form. The disease had shown a tendency to increase during the month of March and was prevelent on a fairly large scale during the subsequent two months, *i.e.*, April and May. It was however prevented from assuming epidemic proportion by an intensive vaccination campaign with the help of the permanent staff of 13 Vaccinators including one Lady Vaccinator and 3 temporary Vaccinators. It must however be stated here that we were handicapped to some extent in our concerted drive against the disease so far as the combing out operations were concerned, as practically the whole of the Medical and Sanitary staff was fully engaged in the work of preliminary enquiry in connection with the introduction of food rationing undertaken by the Municipality at the request of the Government of Bombay.

In spite of the vigourous efforts of the Department, the disease kept on smouldering throughout the year on account of the continuous influx of unprotected people from places outside, a number of whom had got the infection before their arrival into the City.

The fact that in spite of the unfavourable conditions mentioned above which we had to encounter, the fatality rate was lower than that recorded during any normal or epidemic year since 1933, shows that our efforts to combat the disease were quite successful. The specific death-rate which is worked out on the census population of 1941 would be much lower if calculated on the actual population of the City during the year, which stood at no less than 20,89,425.

TABLE VII.

Statement showing Small-pox attacks and deaths by months from 1933 to 1943.

Year / Month.	1933 A.	1933 D.	1934 A.	1934 D.	1935 A.	1935 D.	1936 A.	1936 D.	1937 A.	1937 D.	1938 A.	1938 D.	1939 A.	1939 D.	1940 A.	1940 D.	1941 A.	1941 D.	1942 A.	1942 D.	1943 A.	1943 D.
January ...	692	394	43	16	1[illegible]7	71	110	64	29	16	678	356	15	9	115	43	345	171	166	70	28	30
February ...	1,484	889	48	22	221	118	238	139	50	30	965	549	20	15	184	78	646	317	257	141	71	26
March ...	1,376	775	51	28	412	263	308	190	80	62	903	509	60	25	235	106	581	323	603	220	200	73
April ...	542	328	42	29	465	278	336	228	152	79	403	248	50	19	390	182	308	189	338	116	169	56
May ...	229	168	29	13	300	203	194	131	133	90	167	116	48	25	276	143	199	140	57	33	152	78
June ...	73	59	10	8	195	140	101	71	115	81	53	38	44	26	172	103	108	64	14	4	106	48
July ...	24	17	6	3	112	70	58	35	90	59	36	30	40	29	95	61	30	25	6	2	90	31
August ...	14	8	5	4	55	40	28	21	46	32	13	12	29	19	29	17	30	21	3	2	71	32
September ...	...	...	13	7	25	15	17	14	54	24	8	2	7	1	22	10	14	8	...	...	88	42
October ...	4	4	9	5	12	6	11	6	34	20	5	1	6	5	32	18	15	7	3	...	70	37
November ...	6	6	5	3	19	11	3	3	89	39	...	...	12	8	65	19	4	10	2	...	76	23
December ...	19	11	22	14	34	24	7	4	325	156	2	1	37	20	115	54	35	18	5	3	197	65
Total	4,[illegible]3	2,659	283	152	1,977	1,148	1,411	906	1,197	688	3,233	1,862	368	201	1,730	834	2,325	1,293	1,454	591	1,318	513
Death Rate ...	2.3		0.1		1.1		0.8		0.6		1.6		0.2		0.7		0.8		0.4		0.3	
Fatality Rate ...	59.6		53.7		63.1		64.2		57.5		57.6		54.6		48.2		55.6		40.6		39.4	
Epidemic period	From 17-12-32 To 3-6-33, 6 months & 18 days		Sporadic		From 2-2-35 to 6-7-35, 5 months & 4 days.		From 22-2-36 to 6-6-36, 3 months & 16 days.		From 19-12-37 to 14-5-38, 4 months & 26 days				Sporadic		From 31-3-40 to 15-6-40, 2 months & 16 days		From 19-1-41 to 17-5-41, 3 months & 19 days.		From 8-3-42 to 18-4-42, 1 month & 11 days.		Sporadic (No Epidemic)	

The number of primary vaccinations done during the year was 46,000 against 31,282 in 1942 and that of re-vaccinations 1,90,330 as against 1,42,836 in 1942. 67 deaths from Small-pox occurred among children under one year of age during the year. Of these, 55 were not vaccinated while 7 were presumably vaccinated during incubation period and the vaccinal condition of 5 was not known.

It is always desirable that the number of primary vaccinations done every year should be at least equal to the number of births registered in that or the previous year if not more. While this number has always been less in the past, the number done in 1943 was more than that done in any previous year. The number of re-vaccinations too done during the year was, although there was no epidemic, by no means small as compared to that done in any epidemic year in the past.

Cholera.—Although there were 9 deaths due to cholera during the year, the incidence of the disease had no epidemiological significance. Out of 21 attacks reported during the year, 7 cases were brought for treatment into the City from the suburbs and although out of the 14 remaining local cases 4 proved fatal, on epidemiological grounds, it can safely be presumed that the cases were more likely of gastro-enteritis developing in carriers who passed cholera vibrios in the stools, diagnosis of the disease having been made on this ground only.

Influenza.—Influenza was recorded as the cause of 53 deaths during the year, as against 29 in 1942 and 63 the average for the preceding decennium (1933-42).

Enteric Fever.—Enough has been said in the report for the year 1942 with regard to the belief that the incidence of typhoid was on the increase since 1938 and it can safely be said that such a belief cannot be correct, in view of the fact that there has been a marked decrease in the number of deaths which were till then atributed to be due to ague and remittent fever and the corresponding increase in the number of deaths from typhoid. This was mainly due to increased knowledge about cases of typhoid occurring in the City since 1938 and better notification by Medical Practitioners on account of the facilities given to them by Government in taking and examining blood samples through a doctor from the Haffkine Institute. Efforts made to prevail upon Government to revive these facilties which were withdrawn since the last three years have not been successful so far.

Measures for the prevention of typhoid with regard to the conversion of privies into water closets, removal of dust-bin sheds, introduction of house to house collection of refuse all over the City, covering of open drains and laying sewers in the unsewered parts of the City have unfortunately to remain in abeyance till the end of the War.

Although the number of cases reported during the year was more than any previous year since 1938, the fatality rate and the specific death-rate were not higher than those for any previous year during which the incidence of typhoid was high. If calculated on the actual population instead of the census figure, the specific death-rate would indeed be much lower than in any other year when the incidence of typhoid was high such as 1938 and 1941. The number of inoculations which reached the record figure of 62,891 during the year and better hospitalisation were mainly responsible for this, and the position with regard to the incidence of typhoid and the measures taken to prevent the spread thereof must be considered satisfactory.

The following table shows the number of cases of enteric fever registered in each month during the year. The number of deaths from this cuause is shown in Table No. 10 by sections and in Table No. 12 (Appendix) by months:—

Disease.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Enteric fever ...	81	69	115	148	137	135	194	231	149	119	106	78	1,562

Out of 1,562 total cases, 399 were imported. The total number of deaths was 567 as against 375 in 1942. Comparison with number of deaths from the disease for the last ten years is shown in Table No. 11 (Appendix).

The following table shows the total number of deaths from onteric fever, fatality-rate, number of cases admitted to hospitals, number of cases notified by the Medical Practitioners and number of inoculations done since 1938.

	1938.	1939.	1940.	1941.	1942.	1943.
Attacks	1,168	723	904	1,123	1,018	1,562
Deaths	507	249	399	554	375	567
Fatality rate	43.4	34.4	44.1	49.3	36.8	36·3
Death-rate	0.4	0.2	0.3	0.4	0.2	0·4
Hospitalization	...	...	517	765	841	1,348
Cases notified by Medical Practitioners	419	174	199	234	126	214
Inoculations	17,538	937	1,040	11,032	14,470	62,891

It will be seen from the above statement that the measures taken were successful to a great extent and that the position on the whole with regard to the incidence of Typhoid was in no way worse than in any year since 1938.

Diphtheria.—The following table shows the number of cases of Diphtheria registered each month during the year. The number of deaths from this cause is shown in Table No. 10 by Sections and in Table No. 12 (Appendix) by months :—

Disease.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Diphtheria ...	33	37	32	19	12	15	22	34	35	20	25	32	316

Leprosy.—In the absence of a municipal institution for the isolation and treatment of cases suffering from the disease, the Acworth Leper Home has been doing invaluable work for about 54 years in this important branch of the field of control of communicable diseases. In addition to providing a Home for the isolation of the patients, either voluntarily admitted or committed by the Police under the Bombay Lepers Act, the institution conducts an out-patient clinic.

There existed a deficiency in the link between the institutions where patients are treated and the homes of the patients where they come into contact with a larege number of other persons, either in their own families or among the neighbours. This deficiency was made up by the appointment of 2 Health Visitors—one by the Home and the other by the Municipality—from 1st January 1943. For the detection and treatment of early cases of leprosy, the Medical Assistants in charge of the municipal dispensaries have been trained and for correct diagnosis of suspicious cases, arrangements have been made with the Superintendent, Acworth Leper Home, for visiting the dispensaries whenever rquired. Cases detected by the Medical Inspectors of Schools are directed by them for treatment to the Municipal dispensaries or to the Acworth Leper Home. The number of such cases detected by them during the year 1943 was 43. The number of new cases treated at the municipal dispensaries and at the Home at Matunga were 38 and 609, respectively.

The following details will give some idea of the importance of the field work done by the 2 Health Visitors :—

(1) Number of patients who had ceased attending and who were persuaded to resume treatment		48
(2) Number of contacts examined in homes		1,327
(3) Number of contacts brought to the clinic for examination		87
(4) Number of lepers discovered by examination of contacts		27
(5) Number of visits to the homes of patients	First	1,011
	Subsequent	1,749
(6) Number of talks on leprosy given		374
(7) Number of homes where isolation was secured		18

The difficulties encountered by the Health Visiors in the field were of a varied nature. The impression that they would be compulsorily made to reside in the Leper Home frightened many a patient, many others feared interruption in their occupation after they were found to be suffering from the disease by the Health Visitors, while some put the Health Visitors on the wrong track by giving wrong addresses and lastly, there were some who left Bombay without taking complete treatment.

Although in certain types of leprosy the patient may live with his family, his isolation in other infective forms is very essential. This isolation in a majority of cases is very idifficult, as most of the patients who belong to the poorer classes, live in one or two room tenements along with 2 to 4 or even more members of their families. The above table will show that this isolation was secured by the Health Visitors in 18 cases. In this connection a proper leprosy colony or settlement is badly required for the Province where patients from the City could also be diverted.

Most of the patients belong to the poorer classes. Their poor economic condition, the present difficult food situation and the high prices of food-stuffs militate against improvement of their general resistence absolutely necessary for the cure of the disease.

In many cases patients who had greatly improved considered further treatment unnecessary and others in whom there was no change thought further treatment harmful and useless. It is very satisfactory to note that 48 out of 96 patients who had left treatment were persuaded by the Health Visitors to resume it.

The importance of home visits in connection with leprosy control has been stressed in no uncertain terms by the Central Advisory Board of Health. In very few leprosy clinics in India is any organised propaganda carried on for the patients and their relatives and in no clinic in India there exists any system of home visits. Bombay has, therefore, broken new ground.

Cerebro-Spinal Meningitis.—Cases of Cerebro-Spinal Meningitis reported during the year numbered 226 including 50 imported, as against 63 in 1942 and the total number of deaths from the same was 78 during the year, as against 29 in 1942.

In order to check the spread of the disease, measures such as isolation of the patients, disinfection of the infected places and prophylactic inoculation of the contacts with anti-meningococcal vaccine supplied by the Haffkine Institute were taken. During the year, 217 cases were treated in the Arthur Road Hospital. Out of them 64 proved fatal, 138 were discharged as cured and 15 continued as inpatients in the next year.

TUBERCULOSIS.

Number of Deaths and Death rate.—The number of deaths from Tuberculosis during the year was 1,950. The death-rate from Tuberculosis was 1.3, per 1,000 of the population. The annual death-rates in the previous year have been as follows. (For comparison, the decennial and quinquennial average rates have also been stated.)

Period.	Annual Death-rate from Tuberculosis.		
	Pulmonary.	Other Forms.	All Forms.
1933-42	1.3	0.2	1.5
1938-42	1.2	0.2	1.4
1942	0.9	0.1	1.0
1943	1.0	0.3	1.3

Classification according to Sex and Type of Disease.

Year.	Pulmonary T. B.	T. B. other parts.	Total number of Deaths.	Males.	Females.
1942	1,306	275	1,581	954	627
1943	1,510	440	1,950	1,174	776

Morbidity.—The Morbidity in tuberculosis is calculated at ten times the mortality. Calculating on this basis, there were probably 19,500 persons suffering from tuberculosis during the year under report. The tragic mortality and morbidity figures emphasize the necessity of an intensive antituberculosis campaign in all its aspects and an extension of the facilities now available.

In response to the various resolutions tabled in the Corporation during the year on Tuberculosis and means to combat the disease, a complete scheme had been submitted in the Executive Health Officer's letter No. H/6693 of 7-10-40 ; and the Municipal Commissioner's letter No. H/6693 of 22-11-40. The proposed scheme is still under the consideration of the Medical Relief and Public Health Committee.

The Ramesh Premchand Tuberculosis Hospital at Sewri was completed in 1941, but the transfer of the Maratha Hospital there was held over, as the necessary equipment could not be obtained owing to war conditions. The Hospital having been requisitioned by Government under the Defence of India Rules for use as a Hospital for the Royal Indian Navy, the transfer of the Maratha Hospital thereto cannot be effected until after the war is over.

MUNICIPAL ANTI-TUBERCULOSIS MEASURES.

The Municipal anti-tuberculosis campaign is under the control of the Public Health Department. There are 3 T. B. Clinics for out-door patients, a sanatorium for early cases and a Hospital for advanced cases.

T. B. CLINICS.

Staff.—The staff at each clinic consists of a qualified Tuberculosis Officer, a fully trained nurse, a compounder, a peon and a full-time sweeper. The X-Ray department at the Princess Street clinic has in addition an Honorary Radiologist, a full time developer and an X-Ray attendant.

Attendance.—General Medical Practitioners, Medical Officers in charge of the ordinary Municipal dispensaries, School Medical Officers and Medical Officers in charge of Railways, Mills, Port Trust and Factories refer their T. B. and suspicious T. B. cases to the clinics. A good number of patients approach direct of their own accord, for advice and treatment.

PROPAGANDA.

Leaflets.—There are printed leaflets in English, Gujerati, Marathi and Urdu emphasizing the dangers of Tuberculous infection and advocating various measures for its prevention. These leaflets are distributed amongst the patients and their relatives.

Lectures and Exhibition.—During Health Exhibitions, the Bombay Sanitary Association arranges for a Tuberculosis stall in co-operation with the Municipal Tuberculosis Department. Opportunity is taken of such exhibitions to distribute propaganda leaflets and to impress upon the public the value of preventive measures against tuberculosis. During the year 1943, the Health Visitor appointed by the Bombay Sanitary Association gave a talk on Tuberculosis in a chawl at Lalbaug and the Health Visitor attached to the Ante-Tuberculosis Clinic at Lalbaug gave one talk on Tuberculosis in the clinic itself and several more in chawls in the Lalbaug area. The talks were accompanied by demonstrations with the help of magic lantern and slides.

Museum.—At the Tuberculosis clinic at Princess Street, a T. B. Museum is fitted up for the benefit of the public. It contains a number of wall posters illustrating the incidence and dangers of tuberculosis and emphasizing the methods of prevention.

Domiciliary Visits.—In addition to her duties at the clinic, each nurse visits the homes of patients attending the clinic and also of the notified cases. During her domiciliary visits, the nurse distributes printed propaganda leaflets and advises patients and their relations about ventilation, diet, clothing and general sanitation. In addition to the first visit, the nurse re-visits the same houses from time to time throughout the year, to keep up the continuity of the campaign. A special diary is prepared by each nurse describing the number of houses visited and re-visited, the progress of the patient and the advice given to the patient and the family.

Investigation of Patients.—The Diagnosis at the clinic is made on clinical, bacteriological and radiographic findings. There is a well-equipped X-Ray installation at the clinic at Princess Street. Patients from the T. B. Clinics, the Turner Sanatorium and the Maratha Hospital are referred to this clinic for radiography and screening. After a careful diagnosis at the clinic, patients are directed to suitable institutions for treatment. Early cases are admitted to the Turner Sanatorium according to the accommodation available and advanced cases to the Maratha Hospital. Patients who are not able to take institutional treatment as in-patients are kept under observation and chronic cases discharged from Hospitals and Sanatoria receive symptomatic treatment at the clinics. The sputum examination of specimens referred by Medical Practitioners is undertaken free of charge at the Municipal Laboratory.

Investigation of Contacts.—The investigation of contacts is one of the most important functions of the clinic. Usually when the patient visits the clinic, he is accompanied by a few of his relations. Advantage is taken of their presence and careful investigation is made to find out the positive contacts. The remaining members who are in close association with the patient, are advised by the nurse to appear at the clinic for investigation. Suspicious contacts from sputum-positive cases are screened at the X-Ray Department at Princess Street.

Summary of work done at the clinics during the year 1943.

Total number of new admissions suffering from Tuberculosis was 6,398.

(*a*) Pulmonary T. B. ... ... 6,160 ... ... 96.3 per cent.
(*b*) Non- Pulmonary T. B. ... ... 238 ... ... 3.7 per cent.

Analysis according to Caste and Sex :—

Castes.	Males.	Females.
Hindus	2,468	998
Mahomedans	1,174	1,049
Parsees	40	25
Christians	404	205
Jews	21	14
Total ...	4,107	2,291

Distribution according to age :—

Upto the age of	10	15	20	25	30	35	40	45	50 & upwards.	Total.
T. B. Cases	323	425	1,084	1,472	1,349	638	494	263	350	6,398

Total number of sputa examined 1,918
Total number of contacts investigated 5,510
Total number of Domiciliary visits 4,814
Total number of attendances 42,890

X-RAY DEPARTMENT, PRINCESS STREET.

Total number of Radiograms taken 323
Total number of Screenings done 15,966

TURNER SANATORIUM.

RETURN OF THE WORK DONE AT THE TURNER SANATORIUM DURING THE YEAR 1943.

I	II		III		IV	V	VI	VII	VIII			
No. of patients at the end of last year.	NUMBER OF PATIENTS ADMITTED 369		SUFFERING FROM TUBERCULOSIS 369		Total admitted.	Discharged.	Died.	Remaining on the last day of the year 1943.	CLASSIFICATION OF 381 CASES DISCHARGED			
	Males.	Females.	Lungs.	Other parts.					1st stage (congestion).	2nd stage (consolidation).	3rd stage (cavitation).	T. B. abdomen
79	182	187	346	23	369	381	..	67	129	222	2	28

Result of the Treatment :—

Improved 302
Not improved 66
Died ... ...
In *status quo* 13

Improvement in 79 per cent. of cases.

Artificial Pneumothorax was induced in 120 cases.

Total number of refills was 664.

Phrenic evulsion was performed on 18 cases.

NO. OF SPECIMENS EXAMINED IN THE LABORATORY AT TURNER SANATORIUM DURING THE YEAR 1943.

Serial No.	Particulars.	Total No. of Specimens.	Grand Total.
1	Sputum	738	981
2	Urine	55	
3	Blood	133	
4	Stool	55	

Analysis of 381 discharged cases at Turner Sanatorium during the year 1943.

CLASSIFICATION ACCORDING TO CASTE AND SEX

Hindus.		Mohamedan.		Christian.		Other Caste.		Grand Total.
Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	
123	100	48	80	14	14	...	2	381

DISFRIBUTION ACCORDING TO AGE

Upto the age of.	10	15	20	25	30	35	40	45	50 & upwards.	Grand Total.
No. of patients ...	2	19	73	130	86	46	17	6	2	381

The heaviest incidence of disease was between 15 and 30 years of age.

Effect of Treatment:—

(1) Sputum ... 270 were discharged as sputum negative.
(2) Weight ... 309 gained weight.
(3) Temperature ... 304 were discharged as free from fever.

TURNER SANATORIUM.

Poor Box collection details report, *vide* **circular No. H.P.R./26 of 21-7-1941.**

	Rs. a. p.
(1) Total collection during the year 1943	559 15 0
*(2) Spent during the year	420 0 0
(3) Spent on—	
(1) Medicines	*Nil.*
(2) Tonics	"
(3) Names of those who pay Rs. 25 or more	"

* Out of the total amount of Rs. 420, Rs. 360 were spent on 12 doz. blankets for the conforts of the patients and Rs. 60 were spent on repairs to the Radio set, installed in the male wards.

HOSPITAL AND ADVANCED CASES.

Advanced cases of tuberculosis were admitted to the Maratha Hospital. A separate report on the working of this institution is given by the Medical Superintendent in charge of the Hospital on page 36 of this Report.

It may however be added here that in view of the increasing need for having still more beds for Tuberculosis patients, it is highly desirable to consider the question of retaining the Maratha Hospital in addition to the new hospital.

The average total annual expenditure incurred at present in connection with the existing Municipal Tuberculosis Institutions is Rs. 2,24,344-14-0.

MALARIA.

Malaria was registered as the cause of 153 deaths. 795 deaths were registered as due to Ague and Remittent Fevers. A considerable proportion of the number under the last two heads probably represents cases of wrong diagnosis or diagnosis based on insufficient or incorrect data.

Average number of deaths.—The number of deaths from Malaria and from Ague and Remittent Fevers in 1943 was 153 and 795 and the annual averages in the ten years 1933 to 1942 as shown in Table No. 11 were 100 and 1,023 respectively.

Out of the total number of deaths due to Malaria—

35 were certified by Medical Practitioners.

85 were certified by Hospitals.

1 was certified by the Commissioner of Police.

3 were certified by Vaidyas.

6 were certified by the Coroner.

Inspection of houses for detection of breeding places and destruction of larvae wherever found were carried on, on a systematic plan. The wards of the City have been sub-divided into areas and each overseer is given an area that could be covered within a week. Breeding places detected were immediately dealt with. Minor structural and other defects likely to result in the breeding of mosquitoes were remedied by the staff and action was taken against owners only when the works required were extensive and costly or the defects recurred frequently.

Quinine and Cinchona.—For the treatment of patients attending the Municipal dispensaries, Municipal Maternity and Infectious Diseases Hospitals, 57¾ lbs. of quinine and 18⅞ lbs. of cinchona febrifuge were used during the year. 4,850 III and IV grain tablets of Quinine Sulphate and 21,950 IV grain tablets of cinchona febrifuge were also distributed.

Statement showing the quantities and cost of disinfectants etc., used during the year:—

			Rs. a. p.
(1) Pesterine (Oil furnace)	15,490	Gallons	3,872 8 0
(2) Oil Kerosene 125° (inferior quality)	13,180	do.	11,841 1 6
(3) Lysotol	655	do.	2,538 2 0
(4) Paris Green Powder	112	lbs.	310 0 0
		Total ...	18,561 11 6

Statement showing by wards the total number of wells, cisterns, etc., which were found breeding Anopheles mosquitoes during the year 1943 :—

Breeding noticed in.	Wards. A	B	C	D	E	F	G	Total.
Cisterns, Overhead tanks, and cooling tanks	...	...	...	...	1	1	...	2
Wells	...	...	1	1	11	8	115	136
Masonry tanks	4	...	...	1	13	7	13	38
Static tanks	2	...	...	3	78	17	7	107
Mill tanks	...	...	...	...	8	...	...	8
Fountains, Cattle troughs	1	...	...	3	4	1	...	9
Machinery parts	...	...	...	...	...	1	...	1
Open channels	...	...	...	...	1	28	2	31
Pools, Depressions, Ruts, Pits, Ditches etc.	14	5	1	6	20	61	35	142
Ponds, Puddles	...	...	...	...	13	...	...	13
Wooden tubs	...	...	...	...	2	3	2	7
Odd receptacles, buckets, barrels, drums, jars, etc. ...	...	1	...	...	2	5	3	11
Quarry holes	...	...	...	...	...	3	...	3
Storm water entrances	...	...	...	...	...	1	...	1
Low lands, grass plots	...	...	...	...	2	18	2	22
Tanks, Ponds, Reservoirs	2	...	...	2	1	1	...	6
See pages	...	...	...	...	...	1	...	1
Boats	1	...	...	...	...	...	...	1
Basement and Cellars	2	...	...	...	...	...	...	2
Total ...	26	6	2	16	156	156	179	541

Statement showing by wards the total number of wells, cisterns, etc., where Anopheles Stephensi were found breeding during the year 1943 :—

Containers.	Wards. A	B	C	D	E	F	G	Total.
Cisterns, Overhead tanks, & cooling tanks	...	...	...	...	1	...	...	1
Wells	...	...	4	...	9	...	...	13
Masonry tanks	...	...	...	...	1	...	...	1
Static tanks	...	...	...	...	10	...	...	10
Fountains, cattle troughs	...	...	1	...	1	...	...	2
Machinery parts	...	...	...	...	4	...	...	4
Open channels	...	...	...	...	1	...	...	1
Pools, depressions, ruts pits, ditches etc.	...	...	...	...	12	2	...	14
Wooden tubs	...	...	...	...	3	...	...	3
Odd receptacles buckets, barrels, drums, jars etc. ...	...	...	...	...	1	...	...	1
Roof gutters	...	...	...	...	2	...	...	2
Low-lands, grass plots...	...	...	...	...	...	2	...	2
Total ...	...	...	5	...	45	4	...	54

Spleen rate:

Out of 1,444 children of the poorer classes examined for enlargement of spleen in dwelling houses 10 were found to have enlarged spleen. The spleen rate for the wards mentioned was 0.6. Details by sections are as given below :—

Ward.	Sections.	No. of children examined	No. of children found with enlarged spleen	Percentage.
A	Fort North	140	...	...
B	Umerkhadi	175	...	...
	Mandvi	157	...	...
C	Dhobi Talao	100	1	1.0
D	Mahalaxmi	108	1	0.9
E	Tardeo	105	4	3.8
"	Kamathipura	118	3	2.5
"	1st Nagpada	127	1	0.7
F	Sion	148	...	...
G	Mahim	266	...	...
	Total ...	1,444	10	0.6

The following table shows the number of children with enlarged spleen and their percentage found by the School Medical Inspection staff during the medical examination of children in Municipal Schools:—

Ward.	Section.	No. of pupils examined.	No. of pupils found with enlarged spleen.	Percentage.
A	Colaba	286	2	0.6
	Fort North	460	3	0.6
	Esplanade	207	1	0.4
B	Chuckla	381	2	0.5
	Mandvi	802	12	1.4
	Umerkhadi	494	2	0.4
	Dongri	1,508	15	0.9
C	Market	332	6	1.8
	Dhobitalao	1,194	15	1.2
	Fanaswadi	781	11	1.4
	Bhuleshwar	1,874	29	1.5
D	Khetwadi	805	5	0.6
	Chowpaty	275	1	0.3
	Mahalaxmi	900	13	1.4
	Walkeshwar	88	1	1.1
	Girgaum	1,155	4	0.3
E	2nd Nagpada	631	12	1.9
	Mazagaon	933	19	2.03
	Kamathipura	834	6	0.7
	Byculla	1,805	21	1.1
	Tarwadi	118	2	1.6
	Tardeo	55	1	1.8
	1st Nagpada	55	1	1.8
F	Parel	3,358	43	1.2
	Sewri	408	28	6.8
	Sion	746	5	0.6
G	Mahim	643	1	0.1
	Worli	496	17	3.4
	Total ...	21,624	278	1.2

Blood Slides:—Out of 2,069 slides taken by the Medical Officers in charge of Municipal Dispensaries and examined in the Municipal Laboratory during the year 1943, 449 were found positive for Malaria.

Municipal Dispensaries:—The number of cases of Malaria treated month by month at the Municipal Dispensaries during 1943 is shown in the following table. In the preceding year the number of patients treated was 2,215.

Jan.	Feb.	Mar.	April.	May.	June.	July.	Augst.	Sept.	Oct.	Nov.	Dec.	Total.
174	119	110	90	118	124	160	142	170	170	162	139	1,678
72,096	62,899	60.107	67,674	81,251	67,306	93,916	77,312	71,075	99,286	84,493	92,551	9,09,966 *
0.8	0.7	0.4	0.4	0.4	0.4	0.5	0.5	0.6	0.5	0.5	0.4	0.5 †

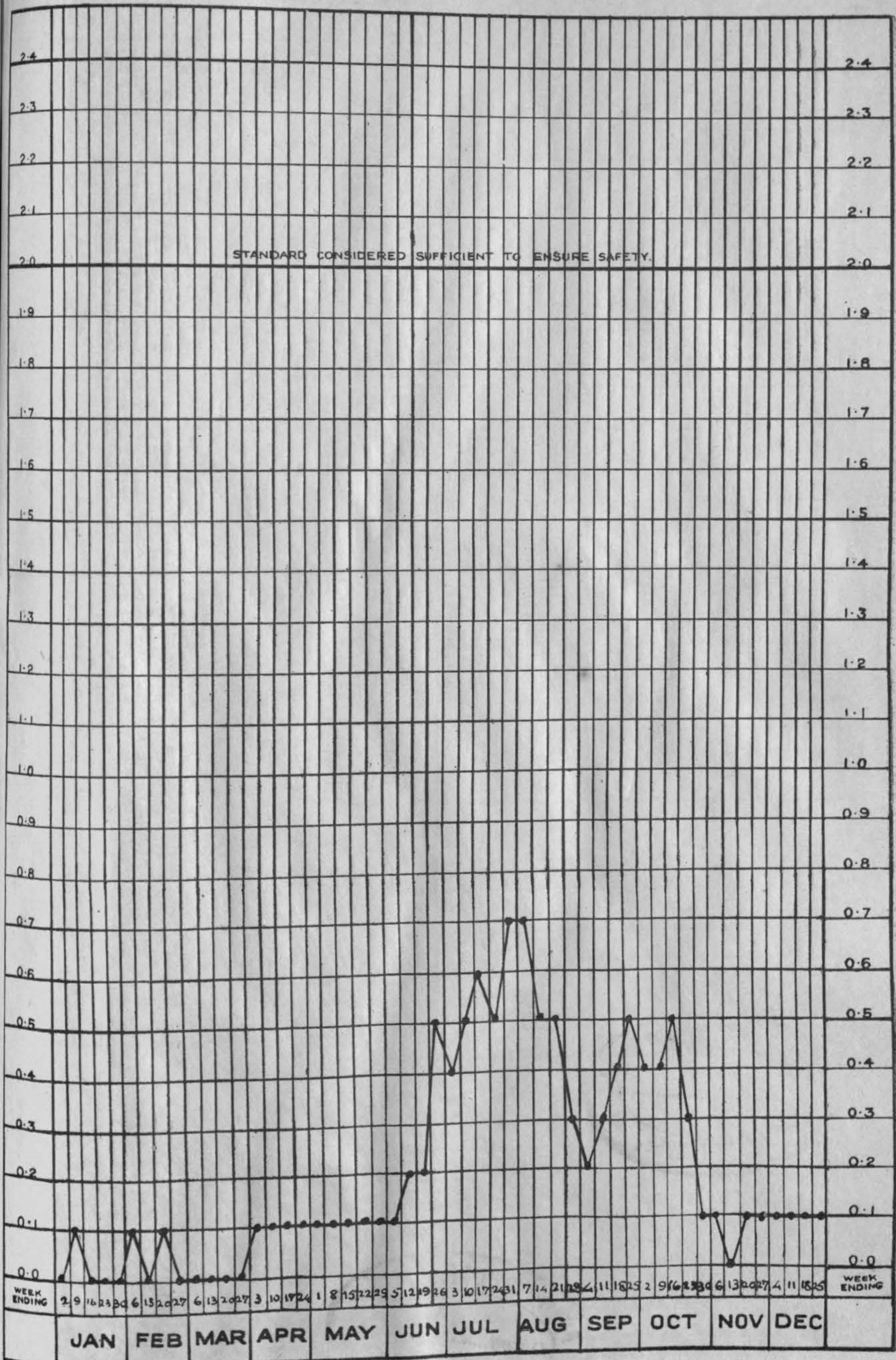
*Total attendance

†Malaria Index.

G

DIAGRAM

STEGOMYIA INDEX IN BOMBAY CITY FROM JANUARY TO DECEMBER 1943.



Statement showing the total number of wells in the City and their condition on 1st January 1944 :—

Ward.	Section.	Total No. of wells in the City.	No. of wells open or partially open.			No. of wells H. C. C. with or without pump.		
			Total No.	Open	T. D.	Total No.	With pump.	Without pump.
A	Upper Colaba	4	2	1	1	2	...	2
	Middle and Lower Colaba	28	2	1	1	26	3	23
	Fort, Southern	16	...	...	...	16	1	15
	Fort, Northern	266	21	19	2	245	14	231
	Esplanade	*48	4	4	...	44	7	37
	Total ...	362	29	25	4	333	25	308
B	Mandvi	53	7	5	2	46	8	38
	Chakla	25	6	4	2	19	4	15
	Umarkhadi	17	8	2	6	9	...	9
	Dongri	4	...	...	...	4	1	3
	Total ...	99	21	11	10	78	13	65
C	Market	156	33	7	26	123	51	72
	Dhobitalao	259	60	15	45	199	47	152
	Fanaswadi	146	26	12	14	120	37	83
	Bhuleshwar	95	31	14	17	64	24	40
	Kharatalao	...	...	...	...	...	...	...
	Kumbharwada	14	2	2	...	12	4	8
	Total ...	670	152	50	102	518	163	355
D	Khetwadi	113	17	8	9	96	14	82
	Girgaon	121	19	8	11	102	14	88
	Chowpatty	45	10	1	9	35	11	24
	Walkeshwar	89	27	15	12	62	22	40
	Mahalaxmi	75	24	10	14	51	20	31
	Total ...	443	97	42	55	346	81	265
E	Mazagaon	52	3	2	1	49	13	36
	Tarwadi	56	14	4	10	42	20	22
	2nd Nagpada	...	...	...	...	...	...	...
	Kamathipura	3	1	...	1	2	...	2
	Tardeo	20	4	3	1	16	5	11
	Byculla	23	1	1	...	22	6	16
	1st Nagpada	2	...	...	...	2	...	2
	Total ...	156	23	10	13	133	44	89
F	Parel	56	21	13	8	35	16	19
	Sewri	22	7	7	...	15	6	9
	Sion	76	42	33	9	34	10	24
	Total ...	154	70	53	17	84	32	52
G	Mahim	200	104	101	3	96	46	50
	Worli	115	73	68	5	42	18	24
	Total ...	315	177	169	8	138	64	74
F Mills	Parel	9	5	...	5	4	...	4
	Sewri...	6	3	2	1	3	...	3
	Sion	3	3	1	2	...	...	...
	Total ...	18	11	3	8	7	...	7
G Mills	Mahim	8	3	...	3	5	2	3
	Worli	35	12	2	10	23	2	21
	Total ...	43	15	2	13	28	4	24
	Grand Total ...	2,260	595	365	230	1,665	426	1,239

Wells.—The following table shows by wards the number of wells filled in etc., during the year 1943 :—

Ward.	Total in the locality.	Dealt with		
		Filled in.	Covered	
			completely.	with trap door.
A	363 ...	1*	...	...
B	99 ...	...	...	...
C	667 *plus* 3 ...	...	...	...
D	443 ...	...	...	...
E	156 ...	...	...	...
F	172 ...	...	...	...
G	360 (—2*) ...	...	...	...
	2,260 *plus* 3** ...	1	..	...

* 2 Jack wells in Mathuradas Mill which were hither to treated as wells are being treated on par with underground masonry tanks and hence removed from the well register and one open well filled in.

** These are newly discovered wells.

The total number of wells in the City was 2,260 including the 3 newly discovered during the year, of which 595 are either open or partially open. Out of 595 open or partly open wells 526 are retained wells, 38 are jack wells and the remaining wells are under action.

Almost all wells which have been decided or proposed to be retained have been stocked with larvicidal fish. The stock is replenished every six months.

Cisterns.—Defective non-mosquito proof manhole covers were replaced by the new hinged cast iron standard pattern lids in 13 cases during the year. The total number of cisterns in the City is 59,683.

Tanks.—Mill tanks—In the beginning of the year, there were 85 mills with 94 mill tanks in the City. During the course of the year, one mill-tank in Manchester Mill and one in Sassoon Alliance Silk Mill were filled in. Thus there were 85 mills with 92 mill tanks in the City. The mill-tanks are regularly examined and treated with larvicides when necessary. Only one mill now participates in the scheme of oiling the mill-tanks as desired by the Malaria Advisory Committee.

The following table shows the number of mill tanks found breeding in each month in the year 1943:—

Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total
7	7	4	4	3	5	3	1	2	2	5	18	61

Over-head cisterns on Mills and other premises.—There were 184 over-head cisterns. One over-head cistern in David Mill and one in Mathuradas Mill were removed during the course of the year. Thus there are 182 over-head cisterns on mill premises. They are all mosquito proof. There are 97 over-head tanks on premises other than mills. They are all mosquito-proof.

VENEREAL DISEASES.

Founded in 1918 the Free Venereal Diseases Clinic, situated at 254, Bellasis Road in a Municipal Building, has been fully equipped for carrying on modern methods of diagnosis and treatment of Venereal Diseases.

Control of Venereal Diseases.—Is done by carrying on a combat against these diseases with the following preventive and curative methods :—

Personal Prophylaxis.—For preventing infection of those that will risk infection a free prophylactic Centre is open day and night at the following Municipal Dispensaries :—

(1) Venereal Diseases Clinic, 254, Bellasis Road, Opposite Alexandra Cinema, Byculla.
(2) Municipal Dispensary, 55, Rajwadkar Street, Colaba.
(3) District No. 3, Dispensary, 259, Sandhurst Road, Near Bhendi Bazaar Tram Junction.
(4) District No. 6, Dispensary, 264, Charni Road, Opposite Central Cinema.
(5) District No. 8 Dispensary, 143, Foras Road, Tram Junction.
(6) Municipal Dispensary Dharavi, 245(H) and (I), Dharavi Road.
(7) Municipal Dispensary, 213, C, DeLisle Road, Lower Parel.
(8) Municipal Dispensary, 45, B.D.D. Chawl, Worli.

12,607 persons attended at the V. D. Clinic for prophylaxis and 1,122 attended at other Municipal Centres during 1943.

Diagnosis.—Diagnosis is done for the Clinic and also for general medical practitioners and hospitals having no such facilities. Investigations done during the year at the Cilinic were as follows :—

Wassermann Reactions 91 were done at the Clinic ; and 1360 were done by the Haffkine Institutel, Bombay, for the Clinic.

Kahn Test	2,961
Dark Ground Searches for Treponema Pallidum ...	1,620
Cultures	60
Smears for Gonorrhoea	5,474

Treatment.—Of men, women and children is done at one Centre, morning and evening, to control infections which have already occurred. The following table shows figures for the last five years :—

Year. (1)	Number of Patients dealt with. Syphilis. * (2)	Non-Syphilitic Sores. * (3)	Gono-rrhoea. * (4)	Total V. D. * (5)	Other than V. D. (6)	Number of patients who ceased attendance before the diagnosis was completed. (7)	Total new cases. (8)	No. of Prophy-lixis. (9)	Number of V.D. cases carried over from previous year. (10)	Total number of atten-dances. (11)
1939 ...	1,663	1,315	3,570	6,548	908	276	6,798	5,878	934	1,02,706
1940 ...	1,968	1,590	3,307	6,865	1,647	630	8,286	5,457	856	1,06,425
1941 ...	1,786	1,651	3,292	6,729	1,496	903	8,495	5,858	633	1,05,563
1942 ...	2,743	2,510	3,601	8,854	1,665	788	10,588	11,748	719	1,22,294
1943 ...	4,528	2,641	5,498	12,667	1,122	526	13,626	12,607	689	1,44,576

* These figures include cases carried over from the previous year as shown in col. No. 10.

Daily Attendance.—The daily average of new patients for diagnosis or treatment and for prophylaxis and the average daily attendance was as follows :—

New Patients	Males	45.5	Total	50.4	Total for Diagnosis and Treatment 539.1	Total daily attendance 573.7
	Females	4.9				
Old Patients	Males	402.8	Total	488.7		
	Females	85.9				
Prophylaxis	Day	4.0	Total	34.6	Total for Prophylaxis 34.6	
	Night	30.6				

The following is the average daily attendance during the last five years :—

1939	1940	1941	1942	1943
391.5	390.7	391.4	479.2	573.7

Distribution of Cases.—Out of 13,626 (12,298 males and 1,328 females) registered during the year 1943 for diagnosis and treatment, 526 (494 males and 32 females) ceased attending before the diagnosis was completed and 1,122 (865 males and 257 females) were diagnosed as non-venereal. The remaining 11,978 (10,939 males and 1,039 females) with the addition of 689 (588 males and 101 females) carried over from previous year make a total of 12,667 (11,527 males and 1,140 females) venereal cases which are classified as follows :—

	Males.	Females.	Total.
Primary Syphilis	1,491	233	1,724
Secondary Syphilis	2,175	375	2,550
Late Syphilis	170	29	199
Congenital Syphilis	39	16	55
Total cases of Syphilis ...	3,875	653	4,528
Acute and Sub-acute Gonorrhoea	3,668	214	3,882
Chronic Gonorrhoea	1.381	235	1,616
Total cases of Gonorrhoea ...	5,049	449	5,498
Non-Syphilitic Sores	2,603	38	2,641

GRAND TOTAL 12,667 { Males ...11,527 / Females ... 1,140

Follow up Work.—Among patients lapsed cases and persons remaining in hiding is done for bringing them under medical care.

The Nurse paid 1,327 home visits to families and the Lady Physician 119 during the year 1943.

Propaganda.—Is done to prevent infection, to seek co-operation of patients to render them non-infective as quickly as possible and to impart health education in order to encourage youths to lead a clean and healthy life. Patients and visitors daily visit the room for propaganda where posters, leaflets, pamphlets, booklets and other instructive literature on prevention, causation and treatment of venereal diseases along with other material are exhibited for education of the patients seeking treatment at the Clinic.

Medical Training in Venereal Diseases.—Is given by post-graduate and Short Refresher Courses for which no fees are charged. Four General Medical Practitioners attended short courses to practise in methods of diagnosis and treatment. Those who desire to have special laboratory and Clinical training are appointed on Rs. 50 per month each among the regular staff of the Clinic. Three General Medical Practitioners held such appointments as Honorary Pathologist and Honorary Clinical Assistant during the year under report.

DISINFECTION.

The following table shows the number of cases of Infectious diseases, those removed to Hospitals, the number of houses vacated and disinfected and the number of articles disinfected by steam :—

INFECTIOUS DISEASES—CAUSE AND NATURE OF ACTION TAKEN IN 1943.

On account of	Cases.	Cases removed to Hospitals.	Houses vacated.	Rooms disinfected.	Articles sterilized.
Plague	2	...	...	...	...
Small-pox	1,318	350	...	1,240	771
Measles	...	7	...	59	...
Chicken-pox	...	35	...	174	62
Typhoid fever	1,562	2	...	1,601	447
Relapsing fever	...	...	...	...	...
Influenza	5	...	...	9	...
Cholera	21	5	...	60	45
Erysipelas	...	...	...	4	...
Leprosy	95	...	...	4	...
Tuberculosis of Lungs	1,842	6	...	1,331	261
Cerebro-Spinal fever	226	1	...	142	16
Dead Rats	...	...	...	...	...
Other Causes	635	...	...	828	2,214
Total ...	5,706	420	...	5,452	3,816

Quantities and Cost of Disinfectants and Insecticides used.—The following statement shows (*a*) the quantities used for disinfecting dwelling houses, rooms and other places such as house gullies, drains, privies, etc., (*b*) the total cost of the disinfectants used for each purpose, and (*c*) the total quantities in which each kind of disinfectant was used during the year ending 31st December 1943 and their total cost :—

Name of disinfectant.	(*a*) Quantities of disinfectants used.		(*b*) Total cost of disinfectants used.		(*c*)	
	(*i*) For disinfecting dwelling houses and rooms.	(*ii*) For disinfecting other places such as house gullies, drains, privies, etc.	(*i*) For disinfecting dwelling houses and rooms.	(*ii*) For disinfecting other places such as house gullies, drains, privies, etc.	Total quantities of disinfectants used.	Total Cost.
			Rs. a. p.	Rs. a. p.		Rs. a. p.
Pesterine (oil furnace) Gallons ...	1¾	17,196	0 7 0	4,288 6 0	17,197¾	4,288 13 0
Charcoal, maunds ...	...	...	...	...	...	...
Sal Hycol, Gallons ...	76½	100	431 4 0	388 0 0	176½	819 4 0
Sulphur, lbs. ...	6	20	1 2 3	3 12 0	26	4 14 3
Resotol Powder, Bags ...	...	24	...	246 0 0	24	246 0 0
Kerosene 125°, Gallons ...	40	13,315	50 0 0	12,009 13 6	13,355	12,059 13 6
Paris Green, Lbs. ...	...	112	...	310 0 0	112	310 0 0
Lysotol, Gallons ...	493¼	795	2,607 9 5	3,128 2 0	1,288¼	5,735 11 5
Tropical Chloride of Lime, Cwts. ...	...	132	...	1,935 15 1	132	1,935 15 1
Malariol, Gallons ...	...	...	...	...	...	...
Phenol, popular Drums ...	...	25	...	543 0 0	25	543 0 0
Pyrethrum extract 1% Gallons ...	2	...	42 0 0	...	2	42 0 0
Vap lamps. Nos. ...	...	...	...	...	...	...
Total ...	...	...	3,132 6 8	22,853 0 7	...	25,985 7 3

MEDICAL RELIEF.

Municipal Dispensaries.—The nineteen Municipal Dispensaries were open throughout the year to administer, as in the past, free medical relief to the sick poor of the City.

The number of new cases treated at the Dispensaries during the year was 2,13,894 (1,38,696 males and 75,198 females) as against 1,68,960 in 1942. The total attendance numbered 7,78,427 as against 5,75,811 in 1942. These figures include 233 visits by the Dispensary Medical Officers to patients in their homes.

The diseases treated at the dispensaries during each month of the year are shown in Table No. 5 (Appendix).

In addition to the above dispensary work, women and children are treated by two part-time Lady Doctors at six Municipal dispensaries in the City between 12 noon and 2 p.m. twice a week and by the Lady Doctors in charge of the five Maternity Homes at the five Ante-Natal and Post-Natal Clinics attached to the respective Homes between 1 and 3 p.m. These Clinics have been working daily since June 1939. The number of new cases treated at these dispensaries was 28,625 (22,584 women and 6,041 children) as against 19,101 in 1942. The total attendance at these dispensaries was 1,18,980. These figures include 8,373 visits by the Lady Doctors to patients in their homes.

Eye Dispensary and Hospital.—The Dispensary and Hospital at Kamathipura are attended by two Medical Officers by turn, *viz.*, one attends on Mondays, Wednesdays and Fridays and the other on Tuesdays, Thursdays and Saturdays. The Institution is open every day from 8-30 to 9-30 A.M. except on Sundays. The Hospital has an accommodation of 6 beds for males and 6 beds for females with a small Operation Theatre. The total number of new cases treated in 1943 at this Institution was 7,281 (5,688 for Eye and, 1,593 for Ear) as against 6,242 in 1942. The total attendance was 49,660 during the year as against 27,847 in 1942. The number of indoor patients amongst the new cases treated and total attendance were 167 and 2,294 respectively.

Attendance of New and Old patients as compared with the previous three years was as follows :—

Year.	New Patients.	Old Patients.	Total.
1940	9,118	20,754	29,873
1941	6,464	15,119	21,583
1942	6,242	21,605	27,847
1943	7,448	42,212	49,660

A proposal for the appointment of a full-time resident nurse for this hospital was included in the budget proposals for 1944-45 and has since been sanctioned.

PUBLIC HEALTH PROPAGANDA AND EDUCATION.

Annual Report of the Propaganda Officer.

The Health Propaganda Branch has been working since November 1942. Mr. A. H. Khan, M.A., BSc., was appointed Propaganda Officer from 1st August 1943 in place of Mr. A. A. Kanekar, B.A., LL.B., who resigned on 1st July 1943.

The following Health Propaganda equipment was either purchased or secured :—

Article.	No.
(1) Magic lanterns	12
(2) Camera (Cireoflex)	1
(3) Lantern Slides, etc.	120 (on 20 subjects*).

*comprising—

"Maternity and Child Welfare"
"Food and Nutrition"
"Communicable diseases"
"School Health"
"Health habits"
General Sanitation, and Dangerous Insects.

(4) A copy of an excellent Health Education Film called "Community Manners" has been acquired free from the Government of India exclusively for the Bombay Municipality Health Propaganda Work. This film contains very forceful episodes on the following themes :—

(1) Wrong parking of cars; (2) Throwing fruit skins on the roads; (3) Throwing house refuse on the pavements; (4) Washing out upper floors over road passengers; (5) Dumping house refuse on pedestrian's head; (6) Making our gardens dirty by the picnic-goers; (7) Throwing cocanut shells on the sea side; (8) Throwing burning cigarettè ends out of windows and (9) Playing radio loud late in the night, etc. This film is being very widely shown all over the City. The total performances during the year were 91.

Health Education activities carried out by this branch are:—(1) Arranging Health Education Public meetings at different places at which eminent medical practitioners are invited to speak on important Health subjects; (2) Organising Health Exhibitions in various localities from time to time; (3) Health Broadcasts; (4) Press Health Publicity with brief Health notes frequently contributed to various daily newspapers; (5) Health articles on various subjects contributed to several periodicals; (6) Showing of Health Films frequently all over the City; (7) "Health Thoughts for to-day" in Englih and vernacular have been contributed to English and vernacular dailies. Some have frequently published them and efforts are being made to make this a daily feature in all the popular local dailies, and (8) Magic lantern programmes were organised with the help of Medical Inspectors in their respective sections and for this purpose peons from their offices, Health Visitors from Maternity Homes and peons from the Conservancy Branch, have been given training in the operation of the magic lantern. During the year 80 magic langern lecture programmes were arranged in the various Health Districts on prevention of dangerous diseases such as Small-pox, Typhoid, Tuberculosis, etc.

HEALTH EDUCATION MEETINGS.

In all 7 Health Education Meetings were arranged out of which, 1 was exclusively for ladies and was presided over by Mrs. K. Shafi Tyabji and addressed by Dr. Miss Zubeda Sobani, the subject being "Child and Mother" illustrated by a film on "Home Nursing". The remaining 6 meetings were presided over by Khan Bahadur Moulvi, Mr.M. R. A. Baig, Mr. A. S. Trollip, Dr. Mrs. Gilder, Mr. J. S. Pereira and Mr. S. A. Brelvi, and the speakers were Dr. Bhasker Patel, Dr. M. J. Wadia, Dr. B. B. Yodh, Miss Clara Mendonca and the Propaganda Officer; the subjects being "Making Bombay Cleaner and Healthier", "Tuberculosis", "Health League", "Maternity Welfare", "Nutrition and Health", "Malaria" and "Typhoid".

(2) Health Exhibitions.

Locality.	Under the auspices of	Subjects.	Duration
Worli	Labour Welfare Officer ...	"Mother and Child" ...	7 days
Mahim Fair ...	National War Front ...	T.B. and General Sanitation and Child Health.	10 days.
R. M. Bhat School, Parel...	R. M. Bhat High School Silver Jubilee festivals.	T.B. and other communicable diseases. School Child Health Food Adulteration, General Sanitation, etc.	7 days.

Out of these the Mahim and Parel exhibitions were visited by over 2,000 persons daily, the last mostly by teachers and parents of school children.

(3) Broadcasts.

Out of the 4 Broadcast Talks, 2 on "Cleaner Bombay and Radient Health" in Hindustani and 1 on "Cleaner Bombay" in Marathi from the War Publicity Broadcasting Station and the fourth one "Cleanliness" in Hindi from the G. I. P. Railway Broadcasting system at Victoria Terminus, were broadcast by the Propaganda Officer.

(4) Press Publicity.

About a dozen dailies and periodicals have been publishing Health notes contributed by this Branch.

(5) New Pictorial Posters.

4 Wall pictorial poster sketches on (1) Contaminated foot-stuffs; (2) Uncovered sneezes spread diseases; (3) Daily bath habit, and (4) Cleaning teeth—Morning and Evening—have been prepared.

(6) Contacts with Public serving Bodies, etc.

As many as 22 Institutions doing social work have been visited by the Propaganda Officer and contacts made with their office-bearers who have rendered co-operation with our Health Propaganda efforts, from time to time.

A scheme for establishing Citizens' Health Leagues in each of the 10 Districts of the City to educate the public and assist the Health Department on matters of Health and Sanitation is under consideration.

Thanks are due to the U.S.A. War Information Office and Messrs. Burmah Shell Oil Storage and Distributing Co. of India, Ltd. for the loan of the films "Choose to Live", "About faces", and "Malaria" and to the various Social and Educational Institutions for the opportunities given to the Health Publicity Section of this Department for putting up sections on public health in the exhibitions organised by them.

Training of Medical Under-graduates and graduates and other Health Personel.—Students from the Seth G. S. Medical College and the Grant Medical College studying for the M.B., B.S. degree of the University of Bombay, as also students for the Diploma Course of the National Medical College and Ayurvedic Medical Colleges in Bombay are given instruction and training in the treatment of infectious diseases and vaccination. Facilities for post-graduate training in diagnosis and treatment of Venereal Diseases are given at the Venereal Diseases Clinic. Instruction is given to students appearing for the D.P.H. degrees of the Bombay University. A class for the training of Sanitary Inspectors is conducted by the Department under the auspices of the Royal Sanitary Institute, London, and the Government of Bombay.

PUBLIC HEALTH ADMINISTRATION.

Aiming chiefly at the promotion of health and prevention of disease the City health administration like any Public Health Administration engages itself in organising and directing the actiivities of different agencies, official and voluntary, towards that end. It deals generally with mass of the community, in regard to Public health. It also gives due attention to both the environmental and individual aspects of Public Health Work.

The relative importance of different Public Health procedures can hardly be expressed with fine mathematical precision. Nevertheless, efficient administration requires a sense of proportion and special problems must receive earlier and greater attention than others which for want of funds or trained personnel cannot be carried out at the same time.

Whatever the various activities, they are however so interlinked with one another that they cannot be separated in the administrative or the executive aspect without prejudice and detriment to Public Health.

In Bombay, as in other countries, the Public Health activities of the Municipality are centralised in the Executive Health Officer and they comprise—(1) Conservancy and General Sanitation including Housing; (2) Food Sanitation; (3) Registration and Vital Statistics; (4) Control of Communicable Diseases; (5) Hygiene including Maternity, Infant, pre-School and School Health; (6) Laboratory work; (7) Medical Relief; (8) Publicity and Health Propaganda, and (9) Welfare work among labourers.

(1) Conservancy and general sanitation are the essential services rendered by the Public Health Department which have an important bearing on the health of the City. The two services cannot be formed into two separate units independent of each other but for the sake of arrangement of work they may be described as follows:—

Conservancy includes the work of cleansing streets, gullies, footpaths, etc., removal of chokes from drains, collection removal and disposal of refuse, halalkhore service, gully seweeping, gully flushing, road washing, dog licensing, destruction of rats and dogs, Veterinary service, control of infectious diseases among animals, removal of carcasses, disinfection and disinfestation of the environments of places where communicable diseases occur, ambulance service, etc.

General sanitation comprises inspection and supervision of all premises with a view to detecting sanitary defects and taking steps to remedy them, provision of public sanitary conveniences, maintenance of premises in a sanitary state, taking of action against defaulters, sanitary control over factories and other licensable trades, housing and action with regard to overcrowding, finding out defects regarding houses unfit for human habitation and taking action against the same.

(2) Food sanitation entails control over adulteration of food, supervision over food exposed for sale and of food handling establishments, destruction of unwholesome food, etc.

(3) Registration and vital statistics include the arrangements for the registration of births and deaths taking place in the City, maintenance of records of the vital events affecting the health of the City and regulations of places for the disposal of the dead and the provision of new places for the said purpose.

(4) Control of communicable diseases entails measures for the prevention of diseases like Small-pox Plague, Cholera, Typhoid fever, Tuberculosis, etc., and the provision of hospitals for the isolation and treatment of such diseases. It also includes the establishment of clinics for the treatment of diseases like Tuberculosis, Venereal Diseases and the like, follow up work through the health visitors and medical officers and arrangements for vaccination and inoculation of the public. A special section is run for control and prevention of Malaria.

(5) Hygiene includes care at homes and at clinics for ante-natal, natal and post-natal cases of infants and toddlers and provision of maternity care at institutions. School health and hygiene is carried out through medical inspection of school children and the correction of defects through clinics, dispensaries, etc.

(6) Laboratory work consists of routine and special examinations. It includes examination both chemical and bacteriological of water, sewage, etc., and of all kinds of articles bearing on health particularly under the Bombay Prevention of Adulteration Act and also of the examination of clinical specimens such as sputa, urine, blood etc., of the patients treated at Municipal institutions.

(7) Medical Relief consists of treatment provided at hospitals and dispensaries including those conducted for the treatment of diseases peculiar to women and for the treatment of eye ailments.

(8) Education is the basis of modern public health work if permanent results are to be obtained. With that end in view, a Public Health Propaganda section has been opened for mass education of the public in matters pertaining to health.

(9) Welfare work comprises recreational activities, educational activities, health work and and labour officer's work among the Municipal workers.

Conservancy Branch is in charge of a Head Supervisor who has under him 9 Supervisors, 7 Senior-Overseers, 34 Junior Overseers, 12 Depot Attendants, 15 Caretakers, 3 Dog Catching Sub-Inspectors and other staff.

The Veterinary staff includes, 1 Senior Veterinary Inspector and 3 Junior Veterinary Inspectors, who are all qualified Veterinary Surgeons and inspect all public stables in the City and are also in charge of the Municipal Bullock Hospital and of the segregation sheds at Tardeo Flats. In addition to this staff, there are 9 Veterinary Assistants who are responsible under the Conservancy Supervisors for the health of bullocks in the eleven Health Department Stables.

For sanitary administration the City has been divided into seven wards A to G grouped into four divisions, *viz*. A and B Wards, C and D Wards, E Ward and F and G Wards, under Assistant Health Officers responsible for the sanitary work of their respective divisions. There are thus four Assistant Health Officers in charge of the four main divisions of the City.

The Island has been further sub-divided into 50 sections in charge of Inspectors styled Medical Assistants and each Inspector in the section to which he is appointed is required to undertake the work incidental to registration and sanitation.

The 50 sections have been arranged in groups to form 10 Registration and sanitary Districts, the work in each of the 10 Districts being supervised by a Senior and/or Junior Medical Inpector. There are 7 Senior and 10 Junior Medical Inspectors who are required to be Medical men and to work under the orders of the Assistant Health Officers of the wards in which their respective Districts are situated. An exception to the rule regarding the possession of medical qualification is made in favour of the old grade Sanitary and Assistant Sanitary Inspectors.

For the control of milk trade, 7 Sub-Inspectors are employed under the Supervision of Medical Inspectors. Sampling of milk is carried out by the Sub-Inspectors and Medical Inspectors. The latter are also responsible for taking samples of other articles of food under the prevention of adulteration Act.

There is one Municipal Infectious Diseases Hospital at Arthur Road for the treatent of patients suffering from all Infectious Diseases except Tuberculosis and Leprosy. It is under a Medical Superintendent with a permanent staff of 2 Medical Assistants, 1 Matron, 2 Sisters, 4 Nurses and 3 Probationers. This staff is supplemented from time to time by a temporary one to cope with the increase in the number of patients.

Tuberculosis patients are treated at the Turner Sanatorium at Bhoiwada and at the Maratha Hospital at Connought Road which are under a Medical Officer with a staff of 2 Medical Assistants, 2 Matrons, 2 Sisters and 14 Nurses.

Tuberculosis patients are treated at the out-patients clinics at Princess Street, Foras Road and Lalbaug which are attended by Medical Officers with the staff of 1 Hon. Radiologist and 4 Nurses working under them.

Venereal Diseases cases are treated at the special Clinic at Bellasis Road which is under a Medical Officer with a Lady Physician, 1 Clinical Assistant, 1 Clinical Pathologist and a Nurse working under him.

Leprosy cases (in-patients) are not treated at any Municipal Institution, though the non-infectious type of these are dealt with at the Municipal General Dispensaries. This activity is carried on by a Board of Management with the Municipal Commissioner as the President and the Executive Health Officer as the Hon Secretary. Besides the grant-in-aid paid for this activity, the Municipality have recently appointed a Health Visitor to do the work of visiting patients in their houses and to keep up the link between the clinic and the home.

The Anti-Malarial measures were carried out during the year by a staff consisting of 6 Medical Inspector 95 Sub-Inspectors, 7 Muccadums, 207 labourers, 1 Carpenter and 1 Mason under an Assistant Health Officer (Malaria), subject to the general direction and control of the Executive Health Officer. In connection with the work of emergency water supply and static tanks, etc., in the City the staff was augmented by 15 Junior Overeers and 30 labourers.

The Vaccination staff includes the Superintendent, 1 Head Vaccinator and 13 Vaccinators, including one Female Vaccinator which was supplemented by a temporary staff of 3 Vaccinators to meet increased demand.

Ante-natal care, care at birth, care during infant and pre-school life is rendered to the public through the five Municipal Maternity Homes which are placed under the charge of Lady Medical Officers who have under them a staff of 19 Nurses and 10 Health Visitors working under them. A small maternity unit has been started at Dharavi and is given in charge of a trained Health Visitor who works under the general guidance of one of the Lady Medical Officers incharge Municpal Maternity Home.

Care in school life is given by the branch for the Medical Inspection of School Children with the inspectorial staff of one Medical Inspector, one Medical Inspectress, 2 Junior Medical Inspectors and 1 Asstt. Medical Inspectress.

The children with physical defects are sent to dispensaries and institutions according to ailments and those with major defects are generally sent to the special school clinic maintained at the K. E. M. Hospital under the care of a School Clinic Organiser, and Assistant School Clinic Organiser.

The analysis of samples of food, samples of the Municipal water supply and of clinical specimens is carried out in a Laboratory attached to the Health Department by the Municipal Analyst, who is assisted by 1 Assistant Analyst 1 Assistant Chemist, 2 Assistant Bacteriologists, 2 Junior Laboratory Chemists and 1 Laboratory Assistant (temporary in connection with the emergency water supply).

General Medical Relief is administered through the nineteen free dispensaries, in different wards under 18 Medical Assistants, 6 dispensaries for women and children under two part-time lady doctors, one eye a hospital and an eye dispensary at Kamathipura under two Honorary Surgeons.

Health Publicity section has been opened since November 1942 and is in charge of a Propaganda Officer under the direction of the Executive Health Officer.

Welfare work among labour staff is carried on by a Lady Welfare Organiser with one Assistant and staff of 10 teachers for sewing classes, 11 women workers, 10 men workers and 12 Assistant men workers, a band-master and two Gymnasium teachers. Except the Organiser and her Assistant, the other staff are part-time workers.

CONSERVANCY.

The activities of the Conservancy Branch for the year cosisted of (1) Cleansing of roads, footpaths and house gullies ; (2) collection, removal and disposal of refuse ; (3) road washing and gully-flushing ; (4) Road-scraping ; (5) cleansing of house-drains ; (6) collection, removal and disposal of night-soil ; (7) rat destruction ; (8) destruction of dogs ; (9) catching and impounding of stray cattle,; (10) Removal of dead animals ; (11) Infectious Diseases Ambulance service and service for removal of dead bodies ; (12) Prevention of various types of nuisances and (13) Veterinary services.

Total mileage in length of various types of roads, foot-paths and house-gullies with their area in square yards that the Conservancy Branch cleanses every day are :—

	Roads.	Foot-paths.	House-gullies.
Miles	268.04	236.67	104
Square yards	5,00,3707	22,58,485	3,29,700

These are cleansed as frequently as the nature of the locality demands. All house gullies and majority of the roads are cleansed twice daily, but some roads are cleansed even four to six times a day. The arrangement for cleansing was more or less the same as in the previous year except for slight changes with a view to keeping the streets as clean as possible. Some staff from the regular cleansing work was drawn from time to time for the work of cleansing some roads during non-workig hours and their work managed by re-adjustment among the remaining staff.

All the refuse collected by sweeping etc., is removed in hand carts or travelling carts. From hand carts the refuse is transferred to travelling carts or to refuse sheds provided for the purpose in different parts of the City. Travelling carts remove the refuse to the temporary dumps or to the places of disposal provided in the City and kutchra from the refuse sheds is removed by lorries at least twice a day. Domestic refuse is collected in galvanised sanitary bins having a capacity of 2 c.ft. provided by the owners following the action taken by this branch under Section 368 of the Municipal Act. Such refuse is collected in bigger bins or receptacles on the ground floor of the premises or in the compound from where it is removed by the Municipality once a day through lorries and carts. This system of house to house collection and removal of refuse has been in force in some parts of the City and is gradually being extended to the remaining parts. The owners of houses where this system has not yet been introduced are required to empty the contents of the bins into travelling carts, refuse sheds or stationery carts located in the different parts of the City.

3 (a) **Sanitary bins.**—26,192 buildings have been provided with sanitary bins at the cost of the owners.

The following Table shows the collection and removal of refuse in Tons by the Street Cleansing Section:—

Population Census 1941.	Area in acres.	TONNAGE OF REFUSE COLLECTED AND REMOVED			Total estimated.
		House and street.	Trade.	Market.	
14,89,883	16,761.6762	4,55,967	16,250	21,591	4,93,808

The vehicles used for the collection of house refuse consist of 326 units of which 39 are mechanically propelled and 287 drawn by bullocks.

PUBLIC RECEPTACLES AND REFUSE COLLECTION YARDS FOR THE STORAGE OF REFUSE.

Street and orderly bins.	Dust-bin cart stands.	Refuse bucket bins on stands.	Number of dust-bin sheds.	Refuse collection yards.	Total Sanitary bins provided by owners upto date.
19	132	30	158	3	1,04,653

The refuse collection Yards mentioned above are situated at Palton Road, A Ward, Ghorupdev E East Ward, and Prabhadevi G South Ward. Sweepings ot streets and gullies from some parts of A, B and C Wards close to Palton Road are brought by carts to that Yard and subsequently removed by motor lorries. Similar procedure is followed in respect of Ghorupdev and Parbhadevi Yards, refuse being conveyed by carts from some portions of E and F Wards in the case of Ghorupdev and from G Ward in the case of Parbhadevi Yard.

Refuse Disposal.—The following table shows the quantity of refuse in tons disposed of during the year 1943.

QUANTITY OF REFUSE DISPOSED OF BY VARIOUS METHODS							
By Rail to Deonar			By Reclamation			By incinerators (household).	By manure-pits (refuse from stables).
Household.	Trade.	Market.	Household.	Trade.	Market.		
3,26,544	64,986	21,591	1,42,692	45,007	*Nil.*	2,981	29,628

TOTALS

Household	Trade	Market	Total
4,72,217	1,39,621	21,591	6,33,429

The asphalt and set-stone roads are washed by this branch. These roads are washed twice a month. All the roads are washed in four days by employing both road washing and gully-flushing gangs in the early hours of the morning only. This arrangement which has been introduced recently has resulted in reducing the dust nuisance. Further improvement can be achieved if arrangements can be made to wash the roads four times a month and in a shorter period than 4 days at one time. This, however, involves extra expenditure and the proposal will have to be deferred till the return of better times. Dung and dust from the surface of the roads are removed by brushes and scrapers while the roads are being swept daily and washed periodically.

Both road washing and gully flushing gangs are employed on the work of flushing the gullies regularly and systematically as soon as they are free from road washing work.

STATEMENT SHOWING THE WORK OF ROAD WASHING, ETC., DURINGE THE YEAR 1943.

ROAD SCRAPING.		ROAD WASHING.	
Area of roads scraped in square yards.	Tonnage of road scraping and debris collected.	Road and Foot-path washing.	Gully flushing.
		Areas of roads and foot-paths washed in sq. yds.	Area of paved gullies flushed in sq. yds.
77,46,386	15,485	2,29,34,005	67,98,000

I would urge a larger staff for gully-flushing work. Proposals are being submitted for the purpose.

The Conservancy Branch attends to the cleansing of house drains and removal of chokes therefrom and this work is attended to as promptly and efficiently as practicable to remove the nuisance.

STATEMENT SHOWING THE HOUSE-DRAIN WORK DONE BY THIS BRANCH DURING THE YEAR 1943.

Number of temporary chokes removed.	Number of pipe lines cleaned.	Number of drains rectified at owner's cost.
3,48,992	22,062	89

The Halalkhore work has increased in recent years due to many temporary privies and cesspools having cropped up due to a number of military camps having been set up in the City. The work of converting privies on basket system into water closets on full flushing system in the northern part of the City was held up this year also for want of materials due to war conditions. There are 44 cesspool carts available in the branch. These were repaired from time to time and brought into use in addition to the 3 cesspool lories to cope with the increased work.

The work done by the Halalkhore Branch in the year 1943 is given below :—

No of hands employed.		Total number existing.				Amount of excrementious matter removed.	
Basket Halalkhore including V.G. Cleaners, etc.	Cesspool Cart-Drivers.	Privy seats.	Cess-pools.	Septic Tanks.	Soakage pits.	From Privies. Baskets.	From Cess-pools. Gallons.
718	40	2,039	638	121	47	5,97,074	98,44,800

Basket Privies:—During the year 1943, only 2 basket privy seats were converted. The number of seats to be converted in the sewered areas of the City is as under:—

Ward.	Number of blocks in sewered areas.	Number of privy seats in sewered areas.
A.	...	...
B.	...	...
C.	2	4
D.	1	2
E. E.	2	6
E. W.	1	2
F.	39	179
G. S.	119	270
G. N.	128	246
Total ...	292	709

The following statement shows the number of Basket Privies in the unsewered areas:—

Ward.	Number of privy blocks in unsewered areas.	Number of privy seats in unsewered areas.
F.	279	721
G. S.	30	27
G. N.	136	584
Total ...	445	1,332

The following table shows Public Sanitary Conveniences as existing in the year 1943.—

	Latrines. only.	Urinals. only.	Bathing places only.	Combined Latrines, and Urinals.	Combined Latrines, Urinals and Bathing. places.	Basket Privies.	Total.
No. of structures ...	46	116	6	61	19	8	256
No of seats ...	415	...	...	282	110	...	807
No. of stalls ...	...	379	...	244	74	...	697
No. of cubicles ...	...	...	22	...	84	...	106
No. of privy seats ...	...	...	...	...	...	96	96

The total amount received during the year 1943 for rendering special Halalkhore service was Rs. 23,984-7-0.

The work of cleaning the septic tanks attached to private premises in the unsewered areas of the city was continued by the Conservancy Branch. This work was done free. There are 117 septic tanks in the city most of which are in F and G Wards. The annual expenditure incurred by this branch for this work was Rs. 437-5-0.

Rat Destruction.—Rat catching and killing operations became more difficult on account of reduction in the number of open spaces in the city. In spite of all the difficulties, these operations were carried on during the year as intensively as possible with the means available with a view to keeping the rat population at its lowest level. The table given below shows the number of rats dealt with during the year. The rat catches would have been bigger had it not been for lack of sufficient co-operation on the part of the public to the baiting operations in their houses, the difficulty of arranging rat campaigns at nights owing to the absence of adequate lighting, apathy of the labour staff to take up this kind of work and temporary occupation of open spaces.

The total number of rats collected and destroyed during the year was 6,84,194 against 6,26,765 in the year 1942. Out of 6,84,194 rats collected and sent to Haffkine Institute, 2,37,433 were examined and none was found infected.

RAT DESTRUCTION STATISTICS FOR 1943.

Method				No. of rats killed or found dead.	No. of rats taken alive.	Total.	No. of rats examined.	No. of rats infected with Plague.	No. of infected rats per 100.
Baiting Ba. Co 3.	Traps Laid.	Cyano Gas Baby Dusters.	Other.						
64,97,522	3,52,080	31	Flooding	3,58,784	3,25,410	6,84,194	2,37,433	...	...

Dog Destruction:—The work of destroying stray and ownerless dogs was continued throughout the year. Captures as usual were effected mainly by the use of American Buck Skin Gloves. Tongs were used only in cases of rabid dogs when the dogs to be captured were found to be unmanageable. The total number of dogs caught was 6,423. Out of this number, 6,248 were destroyed by electrocution and 175 were returned to the owners.

The total number of dog bite cases treated at the Haffkine Institute during 1943 was 2,590 against 1,827 in 1942.

An Act has been passed for the licensing of dogs. The Act will come into force in 1944-45 and as soon as that is brought into force, it is expected that the nuisance from dogs will be greatly reduced.

Nuisance from stray cattle continued as before. The work of controlling the nuisance was carried out as usual and 194 periodical raids were arranged in different localities and as a result thereof 428 heads of cattle were caught and sent to the Pound.

The nuisance from stray cattle in the City continues unabated from year to year in spite of action taken by the Health Department. The main provisions of the law enabling actions to be taken in this behalf are contained in Section 52 of the City of Bombay Police Act. The primary duty of impounding cattle rests with the Police but the municipal conservancy staff is actively engaged in the work of impounding cattle.

Removal of dead animals.—Excluding dogs and cats, the carcasses of large and small animals collected by the Conservancy Branch numbered 4,065 and 19,767 respectively, during the year. They were handed over at Deonar, to the Skinning Contractors who had taken the contract for Rs. 20,101.

Infectious Diseases Ambulances and Hearses.—This ambulance service under the control of the Health Department is rendered free of charge within the limits of the City. There are four ambulances for removing patients suffering from infectious diseases to the City Fever Hospitals free of charge. These ambulances are kept in readiness at the garage at the Arthur Road Stable throughout day and night. Patients suffering from other diseases lying either on the road side or in charitable institutions are also removed free in this ambulance. Patients discharged either from the City Fever Hospital or the Maratha Hospital are allowed free use of Ambulance for going back to their residences.

The service is also made available for removing patients suffering from infectious diseases from places outside the limits of the City of Bombay on a charge of annas twelve per mile deposits to cover up the charges being obtained in advance.

There are two hearses for the removal of Christian and non-Christian dead bodies from the Hospital to their homes or to Cemeteries. There is also one dead body van attached to the K. E.M. Hospital for the same purpose. For the service of the dead body van of the K. E. M. Hospital, a charge of Rs. 5 is made for the first hour and Rs. 3 are recovered for every subsequent hour, exemption being allowed in deserving cases.

A free service of hearses is made available for the removal of Christian paupers to Cemeteries within the City limit on production to the officer-in-charge of Ambulance service at Arthur Road of a certificate from the Parish Priest.

The Hearses and the Van are also available for the removal of dead bodies outside the limits of the City on a charge of annas twelve per mile on the same lines as the infectious diseases ambulances.

In addition to the above, Maternity Ambulance service and Street Ambulance service are available to the public and are under the control of the Officer Commanding, Fire Services, Bombay. The former is made available for conveying patients from their homes to Maternity Homes or Hospitals free of charge, while the latter service with 5 ambulances is rendered free of charge in case of accidents occurring in streets and in factories in the City and on a charge of Rs. 5 for the first hour and Rs. 3 for each succeeding hour or fraction thereof for removing patients suffering from diseases other than infectious ones.

The work done by the Health Department Hearses and the infectious ambulances during the year 1943 is given below :—

(1) Number of Pauper Christian dead bodies removed by the Health Department Hearses during 1943 692

(2) Number of non-Christian dead bodies removed by the Health Department Hearses during the year 1943 3

(3) Number of patients removed by the Infectious Diseases Ambulances during the year 1943. 8,596

(4) Charges received for the supply of Hearses and Ambulances in the City and outside City limits ... ...Rs. 4,682

Throwing of Refuse.—The greatest obstacle this branch has to face in keeping the City clean is the habits of the people of throwing refuse indiscriminately from the houses into the streets and gullies and at places not assigned for the purpose. Every effort is made to educate the people with regard to the danger arising out of this practice by means of propaganda, by providing waste paper bins fixed to the tram way and gas light poles. 800 such bins have been provided so far in the whole City. Prosecutions under Section 372(e) of the Municipal Act are also launched against the offenders from time to time.

Fouling of public places.—Public places are fouled by urinating and defaecating in different parts of the City. Such public places are watched by the Nuisance Jamadars specially appointed for the purpose of detecting and prosecuting the offenders under Section 124 of the Bombay Police Act. The places fouled are cleaned and treated with disinfectants daily

STATEMENT SHOWING THE PROSECUTIONS LAUNCHED BY THE NUISANCE JAMADARS AND FINES INFLICTED.

No. of cases under Section 372(*e*) of the Municipal Act.	No. of cases under Section 124 of the Bombay Police Act.	Fines under Section 372 (*e*).	Acquittals.	Fines under Section 124 of Police Act.	Acquittal under Police Act.
		Rs. a. p.		Rs. a. p.	
931	3,582	549 2 0	119	1,586 4 0	80

These Nuisance Jamadars are also posted at the places where refuse is dumped indiscriminately and stealthily and prosecutions are launched against the offenders. Efforts are also made to clear such places of nuisances as far as practicable.

Trade Refuse.—Nuisance from the throwing of trade refuse has minimised on account of our calling upon the owners of various factories, milch-cattle stables and other business places to make their own arrangements for the removal of such trade refuse to the place of disposal instead of dumping the same in public receptacles which are meant only for domestic refuse. Under certain unavoidable circumstances in some instances trade refuse was removed by this Branch at the cost of the owners. The amount realised thereby was about Rs. 7,473-4-0.

Complaints regarding bad smell from sewer gases.—Complaints of nuisance from bad smell are promptly attended to. Such complaints are mainly due to temporary defects in the drains. Dead animals such as cats or rats lying in difficult places in houses or in their surroundings are removed promptly and the places disinfected. Immediate relief is also given to the public in cases of temporary chokes in Nhani traps, soil pans, etc., as far as practicable pending action against owners to attend to the same.

Pigeon Nuisance.—At a number of places in the City, pigeons are fed by charitably disposed people. In some areas these pigeons are a source of nuisance and annoyance to the surrounding locality. During the year under report efforts were made to minimise this nuisance. Though complete success in this direction is a matter of time and is only possible provided the views of the public with regard to it undergo a healthy change it cannot be denied that our efforts have resulted in reducing the nuisance to some extent.

Monkey Nuisance.—Monkeys caused a great nuisance to the City especially in the Dadar-Matunga area. As all efforts to catch the monkeys by trapping, etc., failed and as their destruction would have wounded the feelings of some sections of the Hindu Community, the work of catching them was entrusted to Messrs. Ismailkhan & Mahomed Hanif, Gazabar Sahib, Jamadar Sheik of Miraj. This party commenced their work in July 1943 and by the time they left Bombay on 21st September 1943, they caught in all 90 monkeys. The monkeys caught were released in the forests near the Tansa Lake. The monkey catchers carried out their work successfully with tact and skill without wounding the feelings or sentiments of the people. They were paid for their work at the rate of Rs. 9 per monkey caught.

The work of this branch will be less heavy, less costly and more efficient if the public were to give up their habits of throwing cutchra indiscriminately around their residences or on streets. In spite of the efforts of this Branch to keep the City clean, the places are found littered with household refuse immediately after they are cleansed and this results not only rendering the surroundings insanitary, but tends to increase the nuisance from rats who thrive on the remnants of food. Such habits also invite danger from various other nuisances.

Efforts were made to minimise nuisance from spitting on the roads by providing 95 sputum bins as a trial at different important junctions and also in some of the public institutions. Some improvement is noticeable as a result of this arrangement but the experiment will be continued and the results watched.

Since the appointment of the Propaganda Officer a definite headway has been made to educate the public in matters of public health by arranging exhibitions and lectures and exhibiting posters on the subject and it is to be hoped that the undesirable practice of throwing refuse will be greatly reduced in the near future.

Veterinary Services.—This section is in charge of the Senior Veterinary Inspector who is for administrative purposes under the control of the Head Supervisor. The other officers of the branch are three Junior Veterinary Inspectors and 9 Veterinary Assistants. There are two hospitals for animals one a general hospital for the treatment of sick municipal bullocks at Kamathipura and the other an infectious diseases hospital at Mahalaxmi for the admission and treatment of animals suffering from infectious diseases, removed from all parts of the City. These hospitals are directly managed by the Senior Veterinary Inspector with the help of one Veterinary Assistant. The work done at the Bullock Hospital and the Infectious Diseases Hospital is shown below :—

BULLOCK HOSPITAL.			INFECTIOUS DISEASES HOSPITAL.			Charges for feeding animals.
Cases treated.	Cases discharged.	Died.	Cases treated.	Cases discharged.	Died.	
1,053	987	66	282	149	133	Rs. 1,778

The Junior Veterinary Inspectors inspect the bullocks in the Health Department Stables, examine grass and grain, examine shoes of all bullocks, supervise the work of farriers and of feeding and watering of the bullocks. They also inspect all cattle in the City stables for the detection and prevention of infectious diseases and also for sanitary defects, if any.

Each Veterinary Assistant looks after the bullocks in one or more stables of the Conservancy Branch and one of them is posted at the bullock hospital. These Veterinary Assistants are responsible for the care and treatment of all bullocks in these stables including feeding, washing and shoeing. They have to inspect the ration received and to keep a proper record of the same. They are also to see that no sick bullock is sent to work and that the bullocks in need of hospital treatment are sent to the sick Bullock Hospital.

The work of the Conservancy Branch has been increasing year after year with the expansion and development of the City. Owing to the multiplication of industrial and other activities connected with the war, the population of the City which was about 15 lacs in the year 1941 exceeded 20 lacs by the beginning of 1943.

This tremendous increase in the population and the numerous Military camps have further increased the work of this Branch of the Health Department to a great extent. It is becoming extremely difficult to cope with this enormous increase in the work of cleansing the City, particularly because of the fact that the means of transport and other equipment required, instead of being increased have remained the same or even become less than what they were about 2 years back owing to the prohibitive cost of repairs and difficulties of obtaining new material, carts and lorries. It is thus with great difficulty that the work of the Branch is being managed and the efficiency of work maintained throughout the year.

SCHOOL HEALTH WORK.

1943.

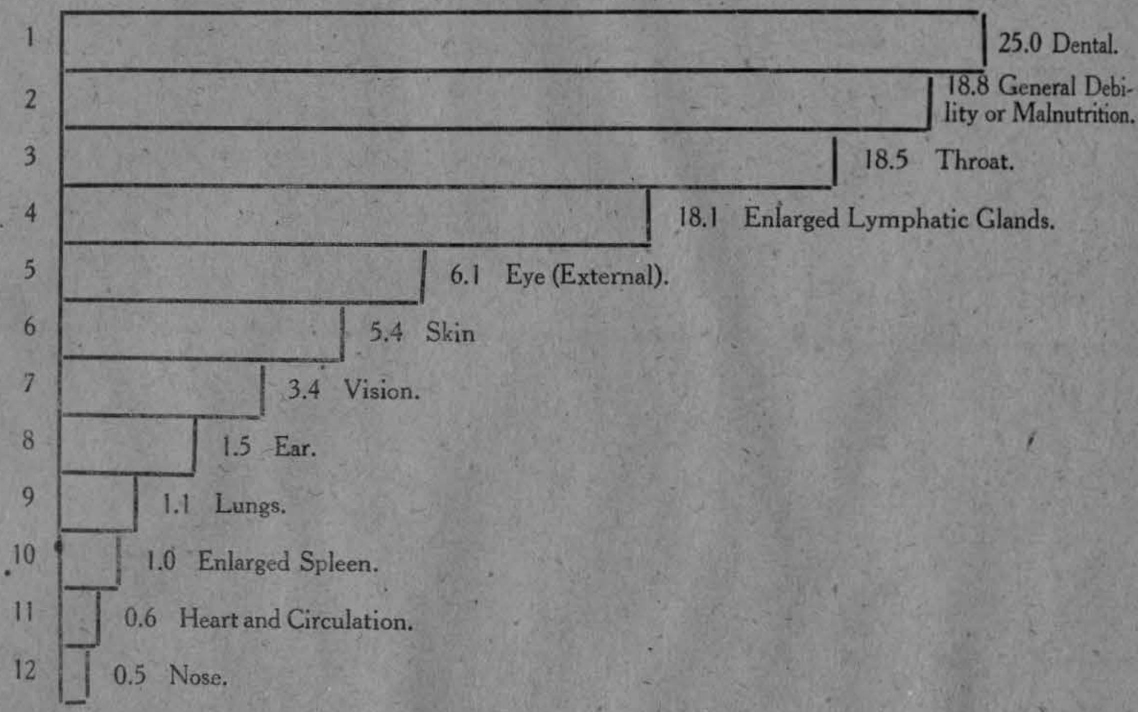
School Medical Inspection.—The total number of schools visited and re-visited by the Inspectorial staff was 421 out of which 297 were boys' and 124 were girls' schools. The total number of children examined (including first and subsequent examination) was 22,854.

Intimations and Interviews.—Intimations in 16,035 cases were sent to parents and guardians of the school children about defects detected at medical inspection and out of 11,297 replies received, 7,204 expressed their consent to treatment being given under our care at the Clinic. 327 parents and guardians were interviewed in schools andoffice with a view to persuading and advising them to get their children treated either at Municipal Dispensaries or at the School Clinic or through their family physicians.

Defects Found.—Out of 21,800 children examined, for the first time 16,035 had various defects.

The following are the percentages of common defects to the total number of defects (29,275) detected:—

DEFECTS.



SCHOOL CLINIC AT THE K. E. M. HOSPITAL.

Correction of defects.—Children found by the Medical Inspectors to be suffering from major defects were taken by the School Clinic Organiser and the Assistant School Clinic Organiser to the fully equipped school clinic at the K. E. M. Hospital in motor buses from their respective schools after the teachers had obtained the consent of their parents. The number of new children so treated during the year was 1,784 in addition to 9,066 old cases, totalling 10,850 cases in all. Although this figure is higher as compared to the previous year a large number of cases still remained without treatment as one such clinic is not adequate to cope with the heavy demand. The provision of additinal facilities on the lines of the clinic at the K. E. M. Hospital, is therefore an urgent necessity in the interest of the health of school children and should be made without further delay. Other big hospitals situated in the different wards may be availed of for this purpose.

In addition to the work at the K. E. M. Central Clinic, futher work in connection with correction of defects was as follows:—

(1) 55 Spectacles were supplied to poor and deserving children; (2) 412 schools were supplied with emergency outfits; (3) 630 children found un-vaccinated were directed to the Central Vaccination Depot for vaccination; (4) 43 children suspected to be suffering from Leprosy were directed to the Superintendent of Acworth Leper Home and 3 out of them who were in an infectious stage were disallowed to attend schools, while some have been kept under observation; (5) 517 children were directed to the Municipal Dispensaries near their respective homes, out of whom only 187 attended the dispensaries; (6) 1,146 children suffering from minor ailments such as Ringworm, Scabies, Impetigo, etc., were treated in their respective schools with the consent of their parents under the supervision of class teachers, and (7) 313 children were supplied with refreshment at the clinic on Saturdays.

SCHOOL SANITATION.

School Buildings.—Most of the primary schools are accommodated in hired buildings, many of which are far from satisfactory from a sanitary point of view, and in several schools children are overcroweed in the class rooms. These conditions tell upon the health of the children and it is therefore necessary that these schools should be accommodated in buildings specially built for the purpose keeping in view hygiene ane other requirements. Insanitary conditions or defects in school buildings numbering 138 were reported to thd authorities concerned.

HEALTH EDUCATION.

Talks.—140 talks on different subjects of Health were given by the Inspectorate to children in schools as against 58 of the previous year.

Health Day.—Owing to the pre-occupation of almost the entire Health Department in Food Rationing Enquiry, it was not possible to arrange School Children's Health Day Celebrations.

SOCIAL WELFARE WORK.

Social Welfare work among the labour classes at ten centres (including one for the K. E. M. Hospital staff and one for the staff of the Mechanical Engineer's Department) was conducted by the Special Branch organized for the purpose under the Public Health Department.

The programme of welfare work carried on by the Welfare Branch at the ten centres consisted of :—

(1) Recreational Activities, (2) Educational Activities, (3) Health Work and (4) Labour Officer's Work.

(1) Recreational Activities.—The games played included Carrom, Draughts, Ludo, "Chaupat", Snakes and Ladders; Hu-tu-tu, Atyapatya, Langadi, Volley ball, Foot-ball, Deck tennis and several other English and Indian group games. Akhada activities included Wrestling, Malkhamb, Lathi, Lezim, Pole-drill, etc., Gymnastic exercises like Free hand drill, Wand drill, Dumb-bells, Pyramids, Boxing, etc., were also regularly conducted.

Inter centre matches and tournaments were arranged. These matches provided a great incentive to regular attendance.

Men, women and children from each centre were at intervals taken out of Bombay for picnics and they were also taken to see educational and social films.

The Bhajan mandalis provided attractive social gatherings for adults who took a very keen interest in them and these occasions were utilised for giving various social discourses. Music and dramatic clubs were organised where people were afforded facilities for cultivation and free expression to their artistic capacities and talents. Music was taught on harmonium and tablas; gramophone records were played in the chawls and short dialogues and dramas were also taught and performed.

These recreational activities provided ample opportunities to our employees and their children to make the best use of their leisure time. The indoor games' rooms and out-door play-grounds at the ten centres were taken advantage of daily by about two thousand adults and children.

(2) Educational Activities.—At every centre, literacy classes for both men and women were conducted. Lessons were accompanied by and alternated with cultural instruction in the form of lectures with the help of lantern slides, maps, charts and pictures, story-telling, reading of interesting passages from books and magazines.

Classes were run for those who wished to learn English. Coaching was given to those school-going children who were in need of it; facilities for study in the centre rooms were given to high school pupils as they had so little privacy in their own homes.

Additional amenities in the form of Radio sets were provided at 2 welfare centres. Arrangements were made at 2 centres to give instruction to mothers in mothers craft by 2 Health Visitors, to examine them after the completion of the course and to grant certificates to those who passed. Courses at both the centres had not completed by the end of the year.

Talks and lantern-slide lectures were arranged on current topics and social subjects of immediate interest to the employees, *i.e.*, on elementary history, geography, cleanliness and sanitary living, domestic-economy, maternity and child-welfare, balanced diets, first aid, safety first, etc. Debates were organised once a week at all the centres.

For women, classes in sewing, embroidery, literacy and elementary home-nursing were conducted; training was also given in the art of home-making and in the various duties of wives and mothers with satisfactory results.

There are five hundred boy scouts and two hundred girl guides affiliated to the Hindustan Scout Association. Boys were occasionally sent out for camping.

(3) Health Work.—Home visiting was an important item of the programme of activities. Chawls were visited regularly by the part-time workers who discussed with the occupants family problems in a friendly manner and through these means people were persuaded to change their unhygienic habits and to realise the importance of cleanliness and sanitary living.

Lectures were delivered on personal hygiene, the care of eyes, nose, lungs and other organs. These lectures were illustrated by slides, posters, bulletins and films on housing conditions, flies, tuberculosis, venerea diseases, etc.

Children were made to wash their hands, face, feet and comb their hair in the centres. Competitions were held for the cleanest and best kept rooms and prizes were given to encourage cleanliness.

Every month a cleanliness campaign was held when the boys swept the chawls and kept their surroundings and home clean. In times of illness, people were directed to dispensaries and hospitals.

Every centre was equipped with medical appliances such as hot water bags, ice bags, thermometers, bed pans, quinine pills, iodine, etc., which were supplied to the people whenever needed.

Women were taught to prepare balanced diets very cheaply. They were persuaded to take advantage of the maternity hospitals.

The Fifth Annual Sports were held at St. Xavier's College Gymkhana ground on 28th February 1943 when Mr. M. D. Bhat, M.A., I.C.S., J.P., Municioal Commissioner for the City of Bombay presided and Mrs. Bhat distributed the prizes.

A trip to Lonavla, Carla Caves, Matheran and Poona was organised for four days for the employees during December 1943.

Three camps were organised for boy scouts and one for girl scouts during November and December 1943.

About 80 scouts attended the All Bombay Scout Camp at Andheri.

FOOD SANITATION.

Milk.—The daily consumption of milk in the City is approximately 4,57,000 lbs. of which 2,30,560 lbs. are produced in the City stables and 2,22,240 lbs. are imported from outside. On an average, it may be stated that an individual may be able to get about 3 ozs. of milk per day and this can hardly be considered as a satisfactory state of affairs as regards the milk supply. Owing to insufficient supply, adulteration is rampant and the price of milk has also become prohibitive for the poor. This may be partly due to increased prices of grain, hay, etc., and partly to want of a sufficient number of cattle to replace dry cattle. Production of sufficient milk locally without serious detriment to public health is not possible. The solution of the problem, therefore, does not appear possible without the active co-operation of Government by facilitating the establishment of well planned Dairies in the suburbs.

It is also necessary to make arrangements for a sufficient number of wagons for importation of the required number of cattle.

Since the year 1920, various schemes for the improvement of the City's milk supply have been under the consideration of the Corporation. For various reasons, however, these schemes have not materialised.

During the year 3,249 hawkers importing milk by train were inspected. 315 were found to have no licence and 140 were carrying milk in open cans without covers. The number found with grass rings in the milk vessels was 76.

Skimmed milk was imported into the City from Anand and other places in Gujarat. On account of the length of the journey, this milk must necessarily be preserved with boracic acid or formaline. As usual, all the measures to stop importation of this milk were taken including raids organised at Railway Stations as well as at places in the City at which the trade in this milk was generally suspected to be carried on and also at different shops and Eating Houses.

Prosecutions were instituted in 157 cases of hawkers found selling milk in the streets without a licence Details with regard to the adulteration of milk will be found in the report of the Municipal Analyst.

The total number of prosecutions for the sale of milk by unlicensed persons and for breaches of the licence regulations was 110 as against 218 in 1942.

Unwholesome Food.—The following list shows the articles of unwholesome food seized and destroyed under Sections 415 and 416 of the Municipal Act :—

Fruits (Fresh) ...	2,145 Nos.	Flesh Beef ...	500 Lbs.
,, (Day) ...	4,649 Lbs.	Curds ...	128 Lbs.
Tins of preserved fruits	302 Nos.	Udid pulses ...	550 Maunds
Potatoes ...	2,480 Lbs.	Gram flour ...	2,120 ,,
Onions ...	250 Lbs.	Pickles ...	3,762 Lbs.
Vegetables ...	55 Lbs.	Rice ...	17 Paylees
Indian Sweetmeats	59 Lbs.	Spurious Tea ...	2,000 Lbs.
Cheese ...	2,026 Lbs.	Milk ...	813 Seers
Biscuits ...	35 Lbs.	Condensed Milk ...	270 Tins.
Sterilized milk ...	384 Tins.	Grains ...	559 Bags.
Tea or Coffee ...	7,000 Lbs.	Chocolates ...	23½ Boxes.
Fish (Tinned) ...	49 Tins.		

Statutory Notices.—The following list gives the number of Notices served by the Inspectors and the number of Prosecutions undertaken for various offences under the Municipal Act during the year:—

NOTICES UNDER THE MUNICIPAL ACT IN 1943.

——	Number of Notices issued under various sections of the Municipal Act.
Total number of Notices issued ...	11,392
Number complied with ...	8,132
Number not complied with ...	2,445
Number pending (disputed or not served) ...	690
Number cancelled ...	134
Number of Notices in 1942 ...	14,131

STATEMENT SHOWING THE NUMBER OF COURT CASES FILED UNDER DIFFERENT SECTIONS AND THE CASES OUTSTANDING ON 1ST JANUARY 1944.

1	2	3	4	5	6
Sections under which prosecutions were instituted.	Number of cases outstanding on 1st January 1943.	Number of cases filed in the year 1943.	Total of columns Nos. 2 and 3.	Number of cases disposed of.	Number of cases outstanding on 1st January 1944.
248 ...	14	2	16	6	10
249 ...	1	1	2	1	1
250 ...	...	...	...	...	...
251A ...	...	7	7	7	...
257 ...	36	307	343	282	61
257, 375, 372 ...	51	411	462	413	49
258 ...	...	4	4	4	...
274 ...	2	4	6	5	1
316 ...	2	9	11	11	...
367, 368 ...	5	97	102	93	9
372 ...	150	905	1,055	988	67
375 ...	35	164	199	170	29
375A ...	8	60	68	60	8
377 ...	26	24	50	37	13
378 ...	8	9	17	16	1
379 ...	...	5	5	5	...
380 ...	178	91	269	185	84
381 ...	7	84	91	77	14
381A ...	1	14	15	15	...
382 ...	...	...	...	...	...
384 ...	9	61	70	64	6
384A ...	20	3	23	23	...
385 ...	...	...	...	...	...
390 ...	19	90	109	90	19
391 ...	...	...	...	...	...
394 ...	193	910	1,103	1,003	100
397 ...	...	...	...	...	...
412A ...	215	379	594	438	156
417B ...	2	5	7	7	...
424 ...	...	...	...	...	...
462 ...	...	1	1	...	1
472 ...	6	9	15	10	5
Total ...	988	3,656	4,644	4,010	634
Bombay Prevention of Adulteration Act ...	1,064	2,402	3,466	2,602	864

The total amount of fines inflicted during the year on account of these cases was Rs. 67,875-4-0.

SANITARY CONDITION OF THE CITY.

The principal causes contributing towards the insanitary conditin in some parts of the City are the insufficiency of sewers, continuance of the basket privy system, density of houses and persons per acre and the difficulties in the way of rendering conservancy service, both as regards removal and disposal of refuse. With a view to accelerating the conversion of all the remaining basket privies into water-closets in the unsewered area, a subsidy is being given to the house owners since December 1939. During the year 2 basket privies were converted into water closets. Owing to War conditions further action has been suspended for the present as the cost of materials has risen considerably.

Water Supply.—With the completion of the Tansa pipe line, the City is now provided with a fairly adequate supply of water from the Tansa Lake. The whole supply is chlorinated throughout the year. No provision of any kind is made for filtration. The supply of filtered water to the City would no doubt be very costly initially and in maintenance, but the first City in India should expect a supply of more wholesome, safer water as would be obtained by filtration. The Corporation will have to take up this question seriously. The need of filtration is felt more acutely when the supply becomes muddy due to heavy rains and remains so for a few days.

Drainage.—The work of providing sewerage in the North of the Island which was in progress during 1942 is still incomplete.

HOUSING.

Insanitary Dwellings.—The routine inspection of dwellings and premises presenting or likely to present sanitary defects has been systematised under a scheme whereby each one of the 50 Medical Assistants and 17 Medical Inspectors is required to devote not less than one afternoon a week to the inspection of houses in streets or areas definitely allotted for the purpose by the Assistant Health Officer. The scheme aims at the inspection of not less than 5 houses per week by each member of the inspectorial staff or 17,500 houses in all in the year. Were inspection the single object in view, this number could be doubled or trebled. Since, however, the primary inspections are only a first step in securing the elimination of the sanitary defects discovered, their number is strictly limited to the number of secondary visits which the enforcement of the requirements of the Department entails.

During the year, 23 insanitary dwellings were evacuated and 280 huts were demolished and 51 rooms were improved.

Sanitary Inspection.—In Table 16(Appendix) will be found a summary of the inspections (1,40,882) made by the Medical Inspectors and Medical Assistants during the year and of the sanitary works (12,264) carried out in response to the actions initiated by them.

Scheme for Clearance of Slum Areas in the City.—There are still many slum areas in the City which require prompt and immediate attention for their improvement.

Milch Cattle Stables.—The insanitary conditions caused by the existence of milch cattle stables in the heart of the City have been explained in the Report of 1939 and it is desirable that a suitable scheme for removing these stables from the City should be undertaken as early as possible.

POOR BOX CHARITY COLLECTION.

Statement of Receipts and Disbursements upto 31st March 1944.

Ward.	Balance on 1-4-1943.			Credits during 1943-44.			Total Receipts.			Debit.			Outstanding Balance on 31-3-1944.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
A and B ...	... 2,264	8	3	1,061	10	6	3,326	2	9	139	15	0	3,186	3	9
C and D ...	... 1,527	15	6	910	3	3	2,438	2	9	33	12	0	2,404	6	9
E	... 3,745	14	1	2,439	0	10	6,184	14	11	211	2	0	5,973	12	11
F and G ...	... 3,698	1	9	1,772	15	0	5,471	0	9	10	6	0	5,460	10	9
Total	... 11,236	7	7	6,183	13	7	17,420	5	2	395	3	0	17,025	2	2

Note.—The above figures are exclusive of adjusting entries yet to be booked in the accounts for 1943-44 through journal entry.

PUBLIC HEALTH DEPARTMENT,
MUNICIPAL OFFICES,
BOMBAY, 15th June 1944.

B. C. DASGUPTA,
B.SC. (Hons.), M.B., M.R.C.P., D.T.M.& H., D.P.H.,
Executive Health Officer.

ANNUAL REPORT FOR THE YEAR 1943.

REPORT OF THE CITY FEVER HOSPITALS, ARTHUR ROAD, BOMBAY, FOR THE YEAR 1943.

I have the honour to submit the annual report of the City Fever Hospitals, Arthur Road, Bombay, for the year 1943.

The permament Medical and Nursing staff of the Hospital consists of the Medical Superintendent, 2 Medical Assistants, 1 Matron, 2 Sisters, 4 Nurses, 3 Probationers and 1 Compounder. In addition to this, necessary temporary staff on Epidemic Establishment as and when required having regard to increase in the number of patients was maintained throughout the year. Due to the prevalence of a number of major infectious diseases at one and the same time in the City, additional extra staff was also engaged to cope with the work arising out of the increased emergency admission of patients, at the Casualty Department as well as in the Wards. The maximum staff was maintained in the month of March 1943 which comprised in addition to the permanent staff mentioned above, 5 Medical Assistants, 1 Sister, 19 Nurses, 2 Clerks, 1 Telephone Clerk, 1 Compounder, 26 Ward Attendants, 30 Sweepers, 3 Hamals, 5 Dhobies, 5 Cooks and 1 Ambulance Bearer. Inspite of restrictions on admissions of patients with less dangerous diseases like Chicken Pox and Mumps, the average number of patients treated in the Hospital was 208 per day during the year and the highest number of patients staying on one single day was 373 in the month of February 1943. It shows that a permanent staff adequate for regular treatment of 200 patients is an absolute necessity at this hospital as the number of patients is steadily increasing since the last 4-5 years.

The arrangement of sending 3 Nurses—Probationary—from the K. E. M. Hospital to this hospital every two months was continued during the year under report.

The total number of admissions during the year was 6,165 as compared with 5,589 in the previous year.

It will be seen from the Table No. 3 that the number of patients admitted into this hospital has been steadily increasing from year to year and that the variety of diseases for which the admission is sought indicates that the hospital has maintained the character of a well established City Fever Hospital throughout the year. Hence it is very urgent that the revised Reorganisation Scheme providing adequate staff for nursing and care of varieties of Infectious Diseases should receive the sanction of the Corporation early.

The Hospital accommodation at present consists of—

(1) **Small-pox Unit.—**

Ward Nos. 1, 2, 3 with	19	beds each in a dilapidated condition.
Ward Nos. 4, 5, 6 with	25	do. do.
Ward No. 7 with	14	beds improvised as lecture Hall.
	146	

Ward No. 8 with 14 beds ...	... 14 beds.
Ward Nos. 14, 16 with 36 beds each	... 72
Total available accommodation	... 86 beds.

Out of the 10 above-mentioned wards, three with 25 beds each and three with 19 beds each of this unit are in a dilapidated condition and cannot be utilised in normal times, even after a fair amount of repairs at great cost. Proposals for reconstructing these dilapidated wards one by one every year are included by the Municipal Commissioner in his seven years' programme of Loan Works, but the work could not be taken in hand as yet due to one reason, or the other.

(2) Accommodation in the **General Unit** for infectious diseases other than Small-pox:—

Ward Nos. 9, 10, 11, 12, with 14 beds each ...	56 beds.
Ward Nos. 13 and 15 with 36 beds each ...	72 beds.
Total accommodation for non-smallpox diseases.	128 beds.
Grand Total ...	214 beds.

While the population of the City is progressively on the increase, the accommodation, as will be seen from the above, is becoming inadequate with the result that during epidemics patients have to be accommodated not only in the wards that are dilapidated, but also in the verandahs causing much difficulty and inconvenience to both the staff and the patients.

THE QUARTERS FOR THE STAFF OF THE HOSPITAL.

Funds for the extension of the Nurses Quarters were provided in the previous year's budget, but the construction work could not be undertaken for want of materials owing to war conditions. Shortage of living accommodation is, however, very acutely felt by the nursing and medical staff who have to be accommodated at present in the wards, as well as in the rooms and verandahs of the old nurses' quarters causing overcrowding. They are also required to be accommodated in the disinfection room, and occasionally in the Matron's Office for some period, whenever additional temporary staff is taken on owing to an increased number of patients admitted to the Hospital.

During the year under report, the daily average number of patients was 208. The maximum monthly average was 280 in the month of February. Total annual admissions were 6,165.

TABLE No. I.

Table showing admissions and deaths and average number of patients during the year under report:—

	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	C S. Fever.	Erysipelas.	Influenza.	Encephalitis.	Whooping cough.	Enteric Fever.	B, Dysentery.	A. Dysentery.	Cholera.	Other diseases.	Total.	Deaths.	Discharged.	Daily average number of patients.
January ...	30	149	12	7	21	11	...	16	...	4	25	17	2	...	147	441	20	421	160
February ...	69	396	55	5	31	30	...	9	1	...	25	17	5	...	170	813	49	764	280
March ...	172	36	17	...	37	26	...	9	...	4	73	16	1	...	158	549	76	463	232
April ...	136	39	21	1	36	29	...	20	...	4	69	7	2	...	132	496	73	423	240
May ...	103	22	14	4	22	20	...	12	1	3	67	9	2	...	144	423	85	338	211
June ...	73	5	25	1	16	24	...	6	...	2	55	19	1	3	166	396	56	343	169
July ...	67	7	28	1	17	13	...	16	...	13	95	20	3	...	167	447	61	386	195
August ...	61	7	28	...	28	11	1	25	1	4	70	26	3	11	293	569	101	468	218
September ...	57	10	30	1	28	10	...	34	...	1	74	13	...	9	216	483	68	415	208
October ...	55	14	37	13	34	10	...	24	...	1	56	11	...	2	223	480	56	424	192
November ...	70	6	44	10	31	13	1	19	1	...	60	14	...	...	204	473	56	417	176
December ...	187	23	74	18	33	16	1	16	...	3	46	18	1	...	159	595	72	523	209
Total ...	1080	714	385	61	334	213	3	206	4	39	715	187	20	25	2,179	6,165	773	5,392	208

IA. Statement showing the average number of admissions during 1926-30 and 1939-43:—

Years.	1926.	1927.	1928.	1929.	1930.	1939.	1940.	1941.	1942.	1943.
Daily average...	23	34	32	57	84	137	217	233	237	208
Total ...	...	...	230	...	...	...	...	1,032	...	...
Average ...	...	...	46	...	...	...	...	206	...	...

During the year under report, the daily average number of patients was 208. The maximum monthly average was 280 in the February. Total annual admissions were 6,165.

TABLE No. II.

	Small-pox.	Chicken-pox.	Measles.	Mumps.	Diphtheria.	Cholera.	C. S. Fever.	Erysipelas.	Influenza.	B. Dysentery.	A. Dysentery.	Whooping Cough.	Enteric Fever.	Other diseases.	Total.
Patients remaining on 31-12-1942 ...	2	31	4	1	20	...	...	...	...	13	...	...	49	10	134
Admitted from 1-1-43 to 31-12-1943 ...	1,080	714	385	61	334	25	213,	3	206	187	20	39	715	2,179	6,165
Total treated ...	1,082	745	389	62	354	25	217	3	206	200	20	39	764	2,189	6,299
Discharged ...	683	742	358	52	288	16	138	2	206	181	20	34	535	1,971	5,230
Died ...	251	...	5	...	51	9	64	...	...	15	...	3	195	180	773
Case Mortality rate Percent. ...	23.1	...	1.3	...	14.4	36	29.5	...	...	7.5	...	7.6	25.9	8.1	12.2
Patients remaining on 31-12-1943 ...	148	3	26	10	15	...	15	1	...	4	...	2	34	38	296
Maximum number of beds occupied on one day ...									On 20th February 1943				Nos. of Beds. 373		

TABLE No. III.

Cost.—The average weekly cost per patient compared with three previous years is as follows :—

PARTICULARS.	1940.	1941.	1942.	1943.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
Medicines ...	2 3 0	2 2 5	2 15 3	3 12 8
Diets ...	3 15 7	3 13 10	4 7 9	7 9 6
Clothing ...	0 11 8	0 13 5	0 11 1	1 4 5
Disinfectants ...	0 1 2	0 1 9	0 2 4	0 2 4
Stores ...	0 9 11	0 14 0	0 7 0	0 11 8
Total per week ...	7 9 4	7 13 5	8 11 5	13 8 7
Total number of Patients treated ...	5,002	5,672	5,559	6,299

TABLE No. IV.

The details of the total cost per patient per day for the year 1943 will be seen from the following table:—

Year.	Diet.	Drugs, Dressings, etc.	Stores and linen.	Lighting.	Miscellaneous.	Establishments.	Repairs, etc.	Total.
	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
1943 ...	1 1 4	0 8 8	0 4 7	0 0 11	0 1 4	1 11 2	0 1 7	3 13 8

SMALL-POX.

Owing to the continuous influx of unprotected people some of whom have not been vaccinated even in their childhood from places far from and near the City a few cases of small-pox were geneally present in the City throughout the year and the admission into the Hospital was naturally continuous. Although the disease was not prevalent in an epidemic form, the number of cases suffering from this disease admitted into the Hospital, *viz.*, 1,080 during the year was by no means small as compared to those during the previous years. The number of patients admitted during the months of March, April, May and December was larger than that in any other month of the year.

Persons in the age groups of 16-30 years showed remarkably high incidence of the disease and the highest number of patients was admitted in the age group of 21-25 as will be seen from the following Table.

TABLE No. V.

Years.	Vaccinated Admissions.				Unvaccinated Admissions.			
	Total.	Cured.	Deaths.	Mortality.	Total.	Cured.	Deaths.	Mortality.
Under 1 year ...	8	7	1	12.5%	20	4	16	80.0%
1 Year ...	8	7	1	12.5%	23	11	12	52.1%
2 years ...	14	13	1	7.1%	23	14	9	39.1%
3 " ...	11	10	1	9.1%	14	8	6	42.8%
4 " ...	7	7	0	...	10	8	6	22.8%
5 " ...	7	7	0	...	9	7	2	22.2%
6-10 " ...	35	31	4	11.4%	41	35	6	14.6%
11-15 " ...	45	41	4	8.8%	41	35	6	14.6%
16-20 " ...	134	124	10	7.4%	101	71	30	29.7%
21-25 " ...	169	148	21	12.4%	96	60	36	37.5%
26-30 " ...	107	81	26	24.3%	71	41	30	42.2%
31-35 " ...	26	20	6	23.0%	20	11	9	45.0%
36-40 " ...	18	13	5	27.7%	6	4	2	33.3%
41-50 " ...	7	6	1	14.2%	4	2	2	50.0%
51-60 " ...	1	1	...	...	2	1	1	50.0%
61-70 " ...	1	1	...	...	1	0	1	100.0%
All ages ...	598	517	81	13.5%	482	312	170	35.8%

This table indicates that the mortality amongst vaccinated cases is considerably lower than amongst the unvaccinated ones showing the beneficial modifying effect of vaccination.

Most of the patients admitted for Small-pox belonged to the labour classes and came from thickly populated areas. It has been noticed that attendants who are freshly vaccinated or re-vaccinated and allowed to stay and attend on Small-pox cases did not get the disease as a result of immediate prophylactic immunisation, though they were in constant contact for weeks with such cases.

There were 1,080 cases of Small-pox admitted into the Hospital and the total number of deaths was 251. 37 Occurred in cases that were admitted in the very late stage or serious condition and these deaths occured within 48 hours of their admission. Thus, excluding these cases, the mortality rate of the disease comes to 20.7 per cent.

Investigation into the therapeutic effects of Sulphanilamide group of drugs in the treatment of Small-pox using different members of the group was continued and is still in progress.

DIPHTHERIA.

This disease is also endemic in Bombay and the highest number of cases was admitted this year in the months of March and April. There were 334 admissions as compared to 278 in the year 1942. 283 cases recovered after treatment and 51 expired.

Operative Treatment (Tracheotomy) was carried out on 4 caes during the year under report. Only one of these cases survived and was discharged cured.

The following table compares the number of cases and their mortality rates during the last 6 years.

TABLE No. VI.

Years	Admissions.	Deaths.	Recovered.	Mortality percentage.	Mortality percentage excluding moribund cases which died within 48 hours.
1938 ...	205	53	155	25.0	Figures not available.
1939 ...	191	54	137	17.9	do.
1940 ...	221	69	152	31.0	16%
1941 ...	251	63	188	25.1	8.7%
1942 ...	278	44	234	15.7	7.8%
1943 ...	334	51	283	15.2	8.1%

Out of the total deaths, 26 patients were brought in a moribund condition in the very late stage of the disease associated with severe toxaemia and died within 48 hours of their admission in the hospital. Excluding these deaths the percentage of mortality comes to 8.1 per cent.

ENTERIC FEVERS.

Enteric Fevers have been endemic in Bombay for the past several years and the largest number so far admitted into the Arthur Road Hospital occurred in 1943. 715 cases were admitted of which 63 were from outside the City. These included 29 cases of the outbreak in a school at Bandra. The number admitted during 1942 was 595. The incidence was higher during the monsoon months as is the case every year.

History of previous T.A.B. inoculation was available in only 28 cases. The onset of the disease was seen within 15 days of the inoculation in 11 cases and out of these 8 cases expired. Those cases which had the history of being inoculated within the incubation period of 15 days showed evidently a high mortality rate 72.7 per cent. The rest of these cases numbering 17 did not show any severity in the course of the disease except in one which expired giving a mortality rate of 5.9 per cent. only. There were 27 cases with meningial symptoms and 38 cases had relapses during their course of the disease. Intestinal haemorrhage as a complication of the disease occurred in 41 cases out of which 30 cases expired (73.1 per cent.)

Apart from clinical features, diagnosis was confirmed by laboratory tests, *viz.*, blood counts, Widal reaction, urine examination, blood culture, etc. Widal test was found postitive for B. Typhosus in dilution of more than 1 in 120 with H and O suspension in 601 cases.

There were 715 cases in all admitted into the Hospital with 189 deaths among them, out of which 27 died within 48 hours of their admission. Excluding these moribund cases, the mortality among treated cases was 23.5 per cent. which includes that of the patients from the outbreak in a school at Bandra.

TABLE VII.

Table of admissions and mortality rate during the last 6 years :—

Years.	Admissions.	Mortality rate.
1938 ...	235	20.0%
1939 ...	202	15.0%
1940 ...	184	24.0%
1941 ...	360	26.2%
1942 ...	595	17.4%
1943 ...	715	26.4%

MENINGOCOCCAL MENINGITIS (C. S. Fever)

The disease is sporadic in Bombay. 213 cases of Meningococcal Meningitis were admitted during the year under report as compared to only 55 cases admitted in 1942. The highest incidence was in the month of April. The incidence of the disease was more amongst males and in the early period of life. The youngest patient admitted was a child of 6 months and the oldest was a male of 52 years of age.

Out of the 213 cases, 33 were admitted in a very late stage of the disease. The diagnosis of the cases was established by examination of their carebro-spinal fluid for the cell count, bio-chemical changes, and for organisms from smears and cultural growths. The C. S. fluid was found clear in 4 cases (1.4 per cent.) Hazy in 58 cases (25.8 per cent.) turbid in 85 cases (39.4 per cent.) and purulent in 69 cases (31.4 per cent.).

The meningcoci were found in the smears of 195 cases (91.5 per cent.) and amongst 69 cases (32.4 per cent.) they were predominally extra-cellular. The mortality in the latter case was 73.9 per cent. and that in the other cases was 8.7 per cent.

The cases were treated mainly with Chemotherapy, *i.e.*, with Sulphonamide group of drugs. Chronic type of cases or those not showing rapid amelioration of symptoms with Chemotherapy were treated with anti-Meningococcal serum in addition to Chemotherapy with fair response.

With the exclusion of 33 cases which expired within 48 hours of their admission into this hospital, rate of mortality amongst the treated cases of meningococcal meningitis was 17.2 percent. The organism were extra-celluar in 25 cases of the 33 moribund cases.

MEASLES.

There were 385 cases with 5 deaths due to Bronchopneumonia giving a mortality rate of 1.3 per cent. The admission of this disease was high in the month of December. Majority of them were from Children's Homes and Convents.

MUMPS.

61 cases of Mumps were admitted during the year under report. The admissions of cases with this disease were high in the month of October, November and December. Majority of cases were from Childen's Homes and Convents and those reported by Police Surgeon, Bombay, from the City Police Force.

CHICKEN POX.

714 cases of Chicken-pox were admitted into this hospital in the year under report and all were discharged as cured. The admissions of patients suffering from this infection and with that of Mumps had to be restricted in order to meet the heavy demand on beds from patients suffering from more dangerous diseases like Small-Pox, Cholera, Plague, etc. The restriction was brought into force from the last week of February as per notification published in the local papers by the Municipal Commissioner. Since then cases of Chicken-pox and Mumps were admitted only under exceptional circumstances.

PLAGUE.

One case of Plague, imported into the City was admitted in a moribund condition. The diagnosis was confirmed by Post-Mortem Examination. It was a case of septicaemic plague with pneumonia as a complication.

CHOLERA.

Sporadic cases of Cholera were admitted in the months of June, August, September and October, the highest incidence being in the month of August. The total number of cases admitted was 25 out of which 9 died with the mortality rate of 36 per cent. Investigations were confirmed at the Haffkine Institute as regards the detection of Cholera vibrios in the stools of these cases.

TYPHUS.

Two cases of Typhus Fever were admitted in the year under report. Both the cases were admitted with a history of continuous fever associated with headache and extreme weakness. One case had rash on the trunk mostly on the front of the chest and also on the extremities where it was less dense. No rash appeared on the face. The clinical diagnosis was confired by repeated examination of blood for Weil Felix reaction which showed rising titre during the course of the disease. Both the caese recovered. These cases were not of the louse-borne variety.

WELL'S DISEASE.

(Spirochoetosis icterohaemorrhagica; spirochaetal jaundice).

One case with the disease associated with fever, headache and prostration followed in five days by jaundice, enlargement and tenderness of the liver was admitted during this year. The clinical diagnosis was confirmed by the examination of the patient's urine and blood at the Haffkine Institute for the presence of Leptospira icterohaemorrhagiae in the blood in the early stage by cultural and guinea-pig inoculation tests and by presence of the organism in the urine and by agglutination tests with the blood serum of the patient during the latter stages of the disease. The patient recovered from the disease.

BACTERIOLOGICAL AND PATHOLOGICAL EXAMINATION.

The following table shows the number of bacteriological examinations made at the City Fever Hospitals (these were done by Medical Assistants in charge of cases admitted in the Wards and also of the Casualty Department).

TABLE No. VIII.

1. Blood films for parasites, differential counts and blood pictures ...	3,117
2. Blood Cultures	59
3. Blood for Widal Tests	1,501
4. Blood for Kahn's tests	49
5. Material from buboes, ulcers and abscesses, sternal punctures etc. for microscopic and cultural examinations	29
6. Sputum for organisms	491
7. Stools for detection of Amoebae, Cysts, Ova Bacilli, Vibrios and for cultural investigations	582
8. Urine examinations by routine, chemical microscopic and cultural methods	1,877
9. Cerebrospinal fluid for miscrospic and cultural examinations ...	651
10. Throat swabs for smears and cultures of B. diphtheria ...	1,593
11. Van den Berg Test	13
12. Blood grouping and matching	4
Total ...	10,966

273 samples of blood, 39 of stool, 9 of C.S. fluid and 7 of throat swabs were sent to the Haffkine Institute for confirmation of investigations carried out in the clinical laboratory by Medical Assistants at this Hospital. My thanks are due to the Director and the staff of the Haffkine Institute for their help in assisting us as usual in the laboratory investigations. My thanks are also due to the Dean and the Professor of Pathology of the Seth G. S. M. College for Post-Mortem Examination and their help in matching of blood for blood transfusion and also arranging for the latter.

The necessity of appointing a Bacteriologist and Pathologist along with a trained laboratory staff for directing, supervising and carrying on regularly the laboratory methods of investigations and animal experiments is keenly and actutely felt at this Hospital wherein there are large admissions of cases throughout the year with different kinds of infectious fevrs and diseases requring multiple laboratory and experimental tests for confirmation of clinical diagnosis, watching the reaponse to specific or non-specific tretment and occurances and relief of complications or untoward symptoms. Proposals for the same have been alredy submitted in the Re-Organisation Scheme, which is under consideratation by the Corporation.

CO-OPERATIVE CREDIT SOCIETY, Ltd.

The City Fever Hospitals Employees Co-operative Credit Society, Ltd., has been working satisfactorily. and was placed in 'A' Class during the year in the classification of the Co-operative Societies by the Registrar.

The total number of members at the end of the year was 86. 8 new members joined the Society and 14 left, due to the termination of their services, during the period under report.

The Share Capital of the Society which was Rs. 1,996-8-0 last year has reached to Rs. 3,065 by the end of the year on 30th June 1943, out of which Rs. 1,604-8-0 were collected by way of monthly subscriptions and Rs. 536 were refunded to the members who resigned or whose services were terminated.

The total amount of loans granted during the year amounted to Rs. 4,995 and that of the loans recovered was Rs. 2,730.

The net profit of the Society during the year amounted to Rs. 171-14-0 after meeting miscellaneous expenses.

The Society held its last annual meeting on 18th September 1943.

POOR BOX CHARITY FUND.

The following statement shows the collections made from time to time and the expenditure incurred upto 31st December 1943.

STATEMENT OF ACCOUNTS.

RECEIPTS.	Rs.	a.	p.	EXPENDITURE.	Rs.	a.	p.
Balance ...	1,049	3	6	Newspapers for patients	184	3	6
Collection from Boxes	1,063	5	0	Purchase of 2 Electric clocks ...	20	0	0
Donations.				Sweets, decorations, etc.			
(1) For Poor Box	345	0	0	X.Mas function (1942)	149	5	0
(2) Nurses Welfare Fund ...	338	6	0	Diwali function (1943)	200	0	0
(3) Servants' Welfare Fund ...	150	0	0	Balance on 31-12-1943	3,162	6	0
(4) Special gifts ...	770	0	0				
Total ...	3,715	14	6	Total ...	3,715	14	6

S. G. VENGSARKAR, M.D., F.C.P.S.
Medical Superintendent,
Arthur Road Hospital.

MARATHA TUBERCULOSIS HOSPITAL.

ANNUAL REPORT 1943.

Accommodation.—There are five wards, each accommodating sixteen patients. Owing to a very heavy demand from the Public for admission, the accommodation had to be increased many a time by putting up extra beds in some of the wards and some cases had to remain on the waiting list for some time before they were admitted to the Hospital.

The total number of admissions during the year was 822 as against 890 in 1942. The daily average number of patients was 83.02, which was more than that in the last year by 1.48

Expenditure.—The total expenditure during the year was Rs. 92,614-5-6 as compared with Rs. 70,800-10-6 in the year 1942. The cost per patient per day comes to Rs. 3-0-11 during the year under review as against Rs. 2-6-8 in the year 1942.

Out of 822 patients admitted, 821 were suffering from tuberculosis and 1 from other disease. The particulars are given below :—

Particulars.	Number.	
Patients remained on 1st January 1943 ...	83	905
Patients admitted during the year for Tuberculosis ...	821	
,, ,, ,, ,, ,, ,, other diseases ...	1	
Patients discharged ...	331	905
Patients died ...	495	
Patients remaining on 1st January 1944 ...	79	
Mortality per cent ...	54.7	

Classification of patients admitted according to caste and sex.

Hindus.		Mahomedans.		Christians.		Anglo-Indian & Europeans.		Others.		Grand total.	
Male.	Female.	Male.	Female	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
334	192	162	66	71	42	1	0	17	3	585	237

Upto the age of ...	10	15	20	25	30	35	40	45	50	Above 50	Grand total.
	2	10	81	188	194	114	89	39	45	60	822

X-Ray Examination.—99 Skiagrams were taken and 198 screenings were performed at the Tuberculosis Clinic, Princess Street.

Collapse (Relaxation) Therapy of Lungs.—Artificial Pneumothorax was induced in 42 cases and the total number of refills was 285.

Operative Treatment by Phrenic Evulsion was carried out in 5 cases.

Laboratory Examinations.—1,135 specimens of sputum and 105 of urine were examined at the Laboratory during the year.

Out-Patients Dispensary.—2,273 cases were treated at the Out-door Dispensary in the year under review for various diseases as compared with 2,042 in 1942.

POOR BOX CHARITY FUND.

Statement showing the collections made from time to time and the expenditure incurred upto 31st December 1943 is given below :—

Receipts.	Rs. a. p.	Expenditure.	Rs. a. p.
Balance on 1-1-1943	151 5 9	One III Class Railway fair to one patient for going to Wanlesswadi Tuberculosis Sanatorium	5 6 0
Donations from—		Purchase of costly patent medicines for the use of poor patients ...	26 4 0
The Manager, Habib Bank, Ltd. ...	101 0 0		
Messrs. The Indian Oxygen and Acetylene Co., Ltd.	50 0 0	Distribution of sweets and purchase of Gramaphone records etc., for the comforts and entertainment of patients during Diwali Holidays ...	80 0 0
Mr. Mulshankar Bhimji ...	10 0 0		
Collection from the Charity Boxes...	81 1 0	Balance on 31-12-1943 ...	281 12 9
Total ...	393 6 9	Total ...	393 6 9

Maratha Hospital
Connaught Road,
Bombay No. 27
7th February 1944.

B. S. KANGA,
M.D., D.P.H., F.R.I.P.H.H.
Medical Superintendent,
Maratha Hospital.

REPORT OF WORK DONE IN THE MUNICIPAL LABORATORY DURING THE YEAR ENDING 31st DECEMBER 1943.

The total number of samples examined during the period under report was 20,508 (including Malaria Slides) as compared to 28,587 samples in the year 1942. Of the above, 15,443 samples were examined chemically and 5,065 bacteriologically, as against 23,161 and 5,426 respectively in 1942.

CHEMICAL.

Out of 15,443 samples examined chemically, the following were food-stuffs :—

Nature of the samples.		Municipal and Statutory.	Private.	Total.
Milk		8,701	184	8,885
Ghee	...	1,053	113	1,166
Butter	...	942	31	973
Vegetable Product		568	1	569
Margarine	...	55	...	55
Tea and Tea Dust	...	508	13	521
Coffee	...	12	1	13
Flours	...	58	6	64
Turmeric	...	30	...	30
Aerated Waters	...	10	...	10
Curds	...	10	...	10
Oils	...	23	12	35
Other Food-Stuffs ... Rice	...	111	...	111
Bajri	...	82	...	82
Wheat	...	68	...	68
Miscellaneous Food-Grains	...	11	...	11
Breads	...	56	...	56
Biscuits	...	10	11	21
Milk Powder	...	6	13	19
Sweet Meats	...	1	7	8
Cakes	...	0	7	7
Starches	...	1	6	7
Sugar	...	4	2	6
Chocolates and Toffee	...	5	...	5
Faked Tea	...	3	...	3
Miscellaneous	...	12	5	17
Total	...	12,340	412	12,752

The results of all the food-stuffs except the item of other food-stuffs have been shown in the attached statement No. 3.

OTHER FOOD-STUFFS.

421 samples of other food-stuffs were received as under:—

Nature of the Samples.	Total.	Remarks.
Rice	111	Three samples were unfit for human consumption.
Bajri	82	Two do. do.
Wheat	68	Seven do. do.
Miscellaneous Food-Grains	11	Six do. do.
Breads	56	Genuine.
Biscuits	21	Nine samples do. do.
Milk Powders	19	Twelve do. do.
Sweet-Meats	8	Only one was do. do. and in the remaining samples wheat starrch was not detected.
Cakes	7	Fit for human consumption.
Starches	7	Do. do.
Sugar	6	Two were untfit for human consumption.
Chocolates and Toffee	5	Fit for human consumption.
Faked Tea	3	Unfit for human consumption.
Miscellaneous	17	Genuine.
	421	

WATERS.

1,896 samples of water were examined as under :—
208 from Public Supply,
1,451 from Wells and
237 from other sources.

1,896

SAMPLES OF URINE.

680 samples of Urine were examined chemically, out of which 277 were sent by private individuals and 403 by the Municipal Authorities.

MISCELLANEOUS.

115 samples of miscellaneous nature were received as under :—

Nature of the Samples.	Total.	Remarks.
Chemicals	49	
Inks	36	
Drugs	14	Only two samples were found to be below the B. P. Standard (1) Amylum and (2) Magnesium Carbonas Pond.
Soaps	7	
Stone Pumice	3	
Other Oils	2	
Miscellaneous	4	
	115	

BACTERIOLOGICAL.

5,065 samples were examined bacteriologically, including 2,069 slides for the detection of Malaria Parasites.

WATERS.

632 samples of water were examined as under :—

240 from Public Supply,
16 ,, Wells and
376 ,, Other Sources.

632

MILK FOR BACTERIOLOGICAL STANDARD.

71 samples of milk were examined for the bacteriological standard. All the samples were, on examination, found to be below the standard except one from a private individual.

DISINFECTANTS.

48 samples of disinfectants were examined to determine the Rideal Walker Co-efficient.

SAMPLES FOR DIAGNOSTIC PURPOSES.

Nature of the samples.	Total.	Specific Organism.		
		Positive.	Negative.	
Blood for Malaria ...	2,069	449	1,620	
Blood for Differential Counts ...	9	...	...	9
Blood for Yellow Fever ...	1	...	1	
Sputum for T. B. ...	1,092	244	848	
Swabs for Diphtheria ...	899	6	893	
Swabs for Meningococci ...	8	...	8	
Smear for Gonococci ...	7	...	7	
Stool for Amoebae ...	10	...	10	
Stool for Dysentery ...	9	...	9	
Stool for Tape-Worm ...	2	...	2	
Stool for Ova ...	1	...	1	
Stool ...	1	...	1	
Oysters for B. Typhoid ...	3	...	3	
Total ...	4,111	699	3,403	9

MISCELLANEOUS.

203 samples of miscellaneous nature were examined as under :—

Vaccine	...	185
Aerated Waters	...	12
Ice-Cream	...	4
Pasteurized Milk	...	2
Total	...	203

J. H. DOCTOR,
M.B., B.S., B.HY.,
Municipal Analyst.

STATEMENT No. 1.

Statement of samples received for chemical examination during the year ending 31st December 1943.

Received from.	Waters.			Food-Stuffs.													Other Food-Stuffs.																
	Bombay.	Well.	Other.	Milk.	Ghee.	Butter.	Vegetable Product.	Margarine.	Tea and Tea-Dust.	Coffee.	Flour.	Turmeric.	Curds.	Aerated Waters.	Oils	Food Grains.	Bread.	Biscuits.	Milk Powder.	Sweet Meats.	Cakes.	Starches.	Sugar.	Chocolates and Toffees.	Faked Tea.	Miscellaneous.	Chemicals.	Drugs	Soaps	Urine.	Miscellaneous.	Total.
The Municipal Commissioner ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	36	37
The Executive Health Officer ...	...	54	2	13	2	...	...	...	...	1	1	...	...	...	...	20	3	...	1	...	...	...	...	...	...	1	8	2	...	...	...	108
The Hydraulic Engineer	136	...	226	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	...	...	...	375
The Inspectors from A & B Wards ...	...	5	1	976	183	215	186	...	270	2	16	5	...	...	10	3	13	...	...	...	...	...	...	...	...	1	...	...	...	...	...	1,886
Do. C & D Wards ...	...	11	3	2,020	508	299	81	2	102	1	6	17	9	10	2	...	13	...	...	...	...	...	2	...	3	7	...	1	...	...	...	3,097
Do. E Ward ...	...	...	...	1,293	165	291	221	9	99	6	25	4	...	...	...	5	8	1	5	...	...	...	...	5	...	1	3	...	...	...	...	2,141
Do. F & G Wards ...	...	...	...	1,400	189	124	80	44	28	...	4	4	1	...	...	...	6	3	...	...	...	...	...	...	...	...	...	...	...	...	...	1,883
The Dean, King Edward Memorial Hospital.	...	...	...	735	4	13	...	...	4	...	...	...	...	...	2	...	...	...	...	...	...	...	...	...	...	1	...	11	...	...	...	770
The Asst. Health Officer Malaria ...	...	1,375	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1,376
The Controller of Stores	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...	...	...	...	...	...	...	...	...	...	...	...	...	6	...	5	19
The Superintendent of Licences and Shops Establishment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	...	...	...	1	19
The Election and Town Duty Officer ...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	...	3
The Assistant Engineer (Hydraulic Engineer)	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	3
The Assistant Engineer Drainage ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
Private	...	6	5	184	113	31	1	...	13	1	6	...	...	...	12	...	...	11	13	7	7	6	2	...	...	5	...	...	1	277	1	702
The Other Municipal Authorities ...	72	...	...	2,264	2	...	...	...	5	2	5	...	...	...	1	243	13	6	...	1	...	...	2	...	...	...	2	...	...	403	2	3,023
Total ...	208	1,451	237	8,885	1,166	973	569	55	521	13	64	30	10	10	35	272	56	21	19	8	7	7	6	5	3	17	49	14	7	680	45	15,443

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 2.

Statement of samples examined bacteriologically during the year ending 31st December 1943.

Received from	Waters. Bombay	Waters. Well.	Waters. Other Sources.	Samples for Dignostic purposes. Blood for malaria.	Blood for Differential counts.	Blood for yellow fever.	Sputum for T. B.	Swab for Diphtheria.	Swab for meningococci.	Smear for Gonococci.	Stool for Amoebae.	Stool for Dysentery.	Stool for Tapeworm.	Stool for ova.	Stool.	Oysters for B. Typhoid.	Aerated water.	Milk for bacteriological standard.	Pasteurised milk.	Ice-cream.	Disinfectants.	Vaccine.	Total.
The Executive Health Officer ...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	2
The Hydraulic Engineer ...	168	...	231	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	399
The Asstt. Health Officer Malaria ...	...	...	...	12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
The Inspectors from A and B Wards ...	...	5	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13	...	4	...	...	42
Do. C and D Wards ...	...	8	20	...	...	...	...	...	...	...	...	...	...	...	...	...	12	30	...	...	...	...	70
Do. E Ward ...	...	...	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15	...	...	...	...	19
Do. F and G Wards ...	...	...	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12	...	...	...	...	18
The Superintendent of Vaccination ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	185	185
The Controller of Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	46	...	46
Private Individuals ...	...	2	33	13	...	...	167	4	...	6	10	8	2	1	1	...	...	1	...	...	2	...	250
The other Municipal Authorities ...	72	...	62	2,044	9	1	925	895	8	1	...	1	...	...	...	3	...	...	1	...	...	...	4,022
Total ...	240	16	376	2,069	9	1	1,092	899	8	7	10	9	2	1	1	3	12	71	2	4	48	185	5,065

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 3.

Statement of well waters and Samples of food-stuffs examined under B.P.A. Act with their results during the year ending 31st December 1943.

Received from,	Well Waters.		Milk.			Ghee.			Butter.			Vegetable Products.			Margarine.		Tea and Tea-Dust.		Coffee.		Flour.		Turmeric.		Aerated Waters		Curds.		Oils.	
	Total.	Unfit for potable purposes	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Percentage of adulteration.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Not Genuine.	Total.	Presence of Lead detected.	Total.	Presence of Saccharine above the limits.	Total.	Deficiency in Fat.	Total.	Not Genuine.
The Executive Health Officer ...	54	24	13	...	...	2	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...	...
The Inspectors from A & B Wards	5	...	176	160	16.4	183	40	21.8	215	28	13.0	186	...	...	...	...	270	6	2	...	16	...	5	...	...	...	...	...	10	...
Do. C & D do.	11	1	2,020	343	17.0	508	119	23.4	299	48	16.0	81	...	...	2	...	102	2	1	...	6	...	17	...	10	...	9	2	2	...
Do. E Ward.	...	...	1,293	275	21.3	165	21	12.7	291	47	16.1	221	2	1.9	9	...	99	4	6	1	25	13	4	...	...	...	...	...	...	...
Do. F & G Wards	...	...	1,400	293	20.9	189	34	18.0	124	12	9.7	80	...	...	44	...	28	...	...	...	4	...	4	...	...	...	1	...	...	...
The Dean, King Edward Memorial Hospital.	...	...	735	...	...	4	...	...	13	8	61.5	...	...	...	...	...	4	1	...	...	...	...	...	...	...	...	...	...	2	...
The Asstt. Health Officer Malaria	1,375	519	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
The Election & Town Duty Officer	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...
The Controller of Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	...
Private Parties	6	3	184	64	34.8	113	73	64.6	31	17	54.8	1	...	...	...	...	13	6	1	...	6	5	...	...	...	...	...	...	12	1
Other Municipal Authorities ...	...	...	2,264	9	0.4	2	...	...	...	...	...	...	...	...	...	...	5	...	2	1	5	1	...	...	...	...	...	...	1	...
Grand Total ...	1,451	547	8,885	1,144	12.9	1,166	287	24.6	973	160	16.4	569	2	0.3	55	...	521	19	13	2	64	19	30	...	10	...	10	2	35	1

J. H. DOCTOR,
Municipal Analyst.

STATEMENT No. 4.

Statement of Results of Bombay waters examined chemically during the year ending 31st December 1943.

Parts per 100,000.

Source.	January. I	January. II	February. I	February. II	March. I	March. II	April. I	April. II	May. I	May. II	June. I	June. II	July. I	July. II	August. I	August. II	September. I	September. II	October. I	October. II	November. I	November. II	December. I	December. II
Tansa Lake Water :—																								
Total Solids	11.0	11.0	...	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	...	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	*Nil.*	...	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.004	0.006	...	0.006	0.006	0.004	0.004	0.006	0.006	0.007	0.007	0.006	0.005	0.004	0.003	0.008	0.008	0.007	0.003	0.005	0.004	0.005	0.004	0.005
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.026	0.032	...	0.030	0.030	0.028	0.028	0.034	0.023	0.045	0.037	0.034	0.030	0.028	0.026	0.042	0.048	0.044	0.030	0.032	0.026	0.030	0.028	0.030
Tansa Water from 57" Tansa Main at Bandra Cabin :—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	0.003	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	0.001	0.001	*Nil.*	0.016	0.005	*Nil.*	0.002	*Nil.*	0.002	0.001	*Nil.*	0.005	*Nil.*
Albuminoid Ammonia	0.008	0.006	0.009	0.006	0.006	0.006	0.004	0.006	0.012	0.008	0.006	0.005	0.005	0.003	0.005	0.004	0.006	0.004	0.003	0.005	0.005	0.007	0.004	0.003
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.098	0.030	0.040	0.038	0.036	0.032	0.030	0.034	0.051	0.050	0.030	0.026	0.032	0.026	0.048	0.038	0.036	0.038	0.037	0.034	0.038	0.040	0.036	0.032
Tansa Water from 24" Tulsi Main at Santa Cruz :—																								
Total Solids	...	...	...	...	...	...	...	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	15.0	15.0	15.0	1.50	15.0	15.0
Chlorine	...	...	...	...	...	...	...	1.5	1.5	1.5	1.5	1.3	1.3	1.4	1.4	1.4	1.5	1.4	1.5	1.4	1.5	1.5	1.5	1.5
Free Ammonia	...	...	...	...	...	...	...	0.003	0.008	0.016	0.013	0.001	0.003	*Nil.*	*Nil.*	0.001	0.001	0.003	0.024	0.032	0.004	0.001	0.004	0.003
Albuninoid Ammoina.	...	...	...	...	...	...	...	0.014	0.012	0.014	0.022	0.007	0.013	0.007	0.006	0.006	0.007	0.007	0.006	0.013	0.009	0.012	0.011	0.013
Oxygen Absorbed at 80°F. (Tidy's Process)...	...	...	...	...	...	...	...	0.096	0.086	0.073	0.110	0.066	0.084	0.028	0.048	0.042	0.048	0.050	0.094	0.098	0.061	0.080	0.074	0.080
Tansa Water from Malabar Hill Reservoir :—																								
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	10.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	0.016	0.012	*Nil.*	0.004	*Nil.*	0.003	0.001	*Nil.*	0.003	*Nil.*
Albuminoid Ammonia ...	0.004	0.006	0.005	0.008	0.004	0.004	0.003	0.005	0.006	0.007	0.006	0.007	0.005	0.006	0.005	0.007	0.007	0.005	0.004	0.007	0.008	0.004	0.004	0.004
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.032	0.034	0.030	0.036	0.030	0.028	0.026	0.032	0.034	0.028	0.022	0.028	0.026	0.030	0.040	0.046	0.042	0.048	0.034	0.036	0.043	0.028	0.029	0.026

Source.	January.		February.		March.		April.		May.		June.	
	I	II	I	II	I	II	I	II	I	II	I	II
Tansa Water from 48" New Tansa Main at Sion Cabin :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	0.001	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001
Albuminoid Ammonia	0.004	0.005	0.005	0.006	0.003	0.002	0.005	0.006	0.005	0.004	0.006	0.006
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.030	0.030	0.028	0.032	0.026	0.024	0.030	0.034	0.028	0.026	0.023	0.030
Vehar Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.4	1.5	1.3	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
Free Ammonia	0.003	*Nil.*	*Ni'.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.003	0.001
Albuminoid Ammonia	0.021	0.023	0.022	0.019	0.008	0.008	0.020	0.015	0.012	0.016	0.021	0.010
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.098	0.106	0.110	0.104	0.092	0.088	0.108	0.090	0.051	0.114	0.090	0.068
Tulsi Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.5	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.3
Free Ammonia	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.010	0.018	0.024	0.012	0.014	0.016	0.013	0.018	0.019	0.023	0.024	0.022
Oxygen Absorbed at 80°F. (Tidy's Process)..	0.092	0.104	0.110	0.096	0.098	0.092	0.08	0.098	0.073	0.10	0.110	0.028
Tansa Water from Bhandarwada Reservoir:—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	0.003	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.006	0.004	0.009	0.005	0.003	0.004	0.003	0.006	0.006	0.006	0.007	0.005
Oxygen Absorbed at 80°F. (Tidy's Process) .	0.032	0.028	0.038	0.028	0.022	0.028	0.024	0.032	0.037	0.034	0.020	0.022
Tansa Water from Gowalia Tank Fire Brigade Station												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
Free Ammonia	0.001	*Nil.*	*Nil*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.001
Albuminoid Ammonia	0.008	0.004	0.006	0.004	0.005	0.004	0.006	0.006	0.006	0.004	0.007	0.004
Oxygen Absorbed at 80°F (Tidy's Process) ...	0.036	0.030	0.032	0.030	0.032	0.030	0.032	0.034	0.032	0.030	0.030	0.024

Source.	July.		August.		September.		October		November.		December	
	I	II	I	II	I	II	I	II	I	II	I	II
Tansa Water from 48" New Tansa Main at Sion Cabin :—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.004	*Nil.*	0.004	*Nil.*	*Nli.*	0.008	*Nil.*
Albuminoid Ammonia	0.009	0.003	0.003	0.004	0.005	0.004	0.004	0.004	0.007	0.005	0.011	0.006
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.036	0.026	0.026	0.030	0.028	0.038	0.037	0.038	0.046	0.040	0.050	0.038
Vehar Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.4	1.4	1.4	1.4
Free Ammonia	0.003	*Nil.*	0.001	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*
Albuminoid Ammonia	0.017	0.018	0.013	0.014	0.014	0.008	0.022	0.008	0.018	0.012	0.014	0.017
Oxygen Absorbed at 80°F. (Tidy's Process)...	0.104	0.108	0.070	0.080	0.082	0.070	0.112	0.070	0.094	0.090	0.072	0.068
Tulsi Lake Water :—												
Total Solids	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
Chlorine	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
Free Ammonia	0.003	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	*Nil.*	0.008	*Nil.*	*Nil.*
Albuminoid Ammonia	0.024	0.014	0.007	0.012	0.014	0.009	0.029	0.009	0.013	0.006	0.020	0.016
Oxygen Absorbed at 80°F. (Tidy's Process)..	0.110	0.098	0.056	0.076	0.084	0.072	0.120	0.072	0.072	10,068	0.060	0.076
Tansa Water from Bhandarwada Reservoir:—												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.7	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	*Nil,*	0.001	0.004	*Nil.*	0.003	*Nil.*	0.003	0.001	*Nil.*	0.007	*Nil.*
Albuminoid Ammonia	0.006	0.004	0.004	0.004	0.004	0.006	0.003	0.006	0.005	0.005	0.005	0.004
Oxygen Absorbed at 80°F. (Tidy's Process) .	0.028	0.030	0.036	0.038	0.030	0.036	0.033	0.036	0.030	0.030	0.036	0.032
Tansa Water from Gowalia Tank Fire Brigade Station												
Total Solids	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
Chlorine	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.8	0.8	0.8	0.8
Free Ammonia	*Nil.*	*Nil.*	0.012	0.004	*Nil.*	0.002	0.001	0.002	0.004	*Nil.*	0.001	*Nil.*
Albuminoid Ammonia	0.005	0.004	0.004	0.004	0.006	0.004	0.004	0.004	0.006	0.005	0.003	0.004
Oxygen Absorbed at 80°F (Tidy's Process) ...	0.026	0.028	0.039	0.032	0.036	0.032	0.037	0.032	0.041	0.032	0.028	0.030

J. H. DOCTOR,

Municipal Analyst.

STATEMENT No. 5.

Statement of Bacteriological Analysis of Bombay waters during the year ending 31st December 1943.

Lactose Fermenters.

Source.	January.		February.		March.		April.		May.		June.		July.		August.		September.		October.		November.		December.	
	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II	I	II
Tansa water from 32" Vehar Main at King Circle ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 24" Vehar Main at Sion Causeway. ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from Malbar Hill Reservoir ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 48" New Tansa Main at Sion Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 48" Old Tansa Main at Sion Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from Bhandarwada Reservoir.	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 57" East Main at Bandra Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from 57" West Main at Bandra Cabin ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tulsi water from 24" Tulsi Main at Santa-Cruz ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. +in 5	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100
Tansa water from the out-let at Gowalia Tank Fire Brigade Station ...	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 700	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100	c. c. —in 100

J. H. DOCTOR,
Municipal Analyst.

THE ANNUAL REPORT OF THE SUPERINTENDENT OF VACCINATION FOR THE YEAR 1943.

The Vaccination Branch of the City was taken over from Government by the Municipality in 1909 and the practice of calf-to-arm Vaccination was continued. Glycerinated Vaccine was also continued to be prepared and used for performing Vaccination. Since 1st January 1923, the preparation of calf-lymph preserved in glycerine was discontinued and Vaccine prepared at Belgaum was used instead, with the approval of the Corporation (*vide* their Resolution No. 7843, dated the 4th December 1922.) Since the Vaccination Act was brought into force, calf-lymph only has been used for Vaccination.

During the year the Branch was in charge of Dr. F. Lobo from 1-1-1943 to 2-5-1943 and I was in charge for the remaining period of the year.

There are in all 28 Public Vaccination Stations in the City; out of these 26 are open once in a week from 8 A.M. to 10-30 A.M. (S.T.) and the remaining two daily (1) at Princess Street for the South of the City from 8 A.M. to 10-30 A.M. (S.T.) and 2-30 P.M. to 5-30 P.M. (S.T.) except on Sundays and Bank Holidays when it is open from 8 A.M. to 10-30 A.M. (S.T.) only, and (2) at Central Vaccination Depot, Parel, for the North of the City from 7-30 A.M. to 5-30 P.M. (S.T.) except on Sundays and Bank Holidays, when it is open from 7-30 A.M. to 10-30 A.M. (S.T.) only. Besides the above, there are there more stations at 3 Infant Welfare Centres at Wari Bunder, DeLisle Road and Naigaum, which are kept open for two and a half hours, once a week.

Vaccine Operations with Results.—The following statement shows the number of persons primarily vaccinated during the year 1943 and the preceding nine years and the percentage of successful primary operations in each year :—

Year.	Primary Vaccination.			Number of re-vaccinations.	Total Number of persons vaccinated.
	Number of children vaccinated.	Number successful.	Percentage of successful vaccination to the total Number of vaccination results of which were known.		
1934 ...	26,203	24,774	...	17,824	44,027
1935 ...	32,729	29,189	...	1,01,531	1,34,260
1936 ...	29,462	27,240	...	61,388	90,850
1937 ...	35,151	32,519	...	71,957	1,07,108
1938 ...	34,714	30,072	...	3,03,365	3,38,079
1939 ...	32,294	29,903	...	38,890	71,184
1940 ...	39,307	35,726	99.56	1,61,588	2,00,895
1941 ...	35,955	31,781	99.66	2,39,201	2,75,156
1942 ...	31,282	26,788	99.54	1,42,836	1,74,118
1943 ...	46,000	40,045	99.62	1,90,330	2,36,330

Note.—The percentage of success in previous years is omitted as it shows a ratio to the total number of vaccinations which includes children removed out of the City without their results being ascertained and the ratio which was given in previous years offers no correct idea of the actual rate of all the results in the total number of primary vaccinations.

Out of the children vaccinated primarily, 30,710 were born in the City and 15,290 outside the City as against 24,290 and 6,992 respectively in the previous year.

(2) The Result of Vaccination (Primary) by Ages.—The following table represents the results of primary vaccinations by ages :—

Results.	Under 1 year.	1-6 years.	6 years and upwards.	Total.
Successful ...	29,617	10,220	208	40,045
Unsuccessful ...	112	40	2	154
Unknown ...	4,059	1,700	42	5,801

(3) Inspections of Results.—The reports of the Vaccinators were checked by the Superintendent in 5,738 cases and by the Head-Vaccinator in 7,154 cases. The success rate was approximately 99.96. Care was taken to check the Municipal Vaccinators' work in a large number of cases that re-visited the stations for inspection after 7 days and the same was found to be satisfactory. By this inspection it was also ensured that the vaccine used was of good potency.

(4) Income.—The following statement shows the details of the income derived from the sale of lymph, fees charged for vaccinations done at private places, firms etc., for giving instruction in Vaccination and for supplying extracts from vaccination registers etc., during the year under report :—

Amount realised from sale of lymph.	Municipal moiety of the fees realised from private vaccinations.	Municipal fees (moiety only) recovered from medical and private students for receiving Vaccination instruction.	Fees realised from vaccination extracts and other miscellaneous items.	Total.
Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.	Rs. a. p.
5,980 0 0	1,037 4 0	1,275 0 0	257 0 0	8,549 4 0

(5) Cost of Single Operation.—The cost of each successful vaccine operation taking into account all the charges incurred by the Vaccination Branch was Rs. 2-6-0 as against Rs. 2-13-1 in the preceding year. If the income of Rs. 8,549-4-0 shown above is deducted from the total expenditure, the cost works out at Rs. 2-2-7 as against Rs. 2-9-11 in the previous year. If calculated against the total number of vaccine operations, *i.e.*, both primary and re-vaccinations, the cost of each operation after deducting the income as above comes to Rs. 0-5-10 compared to Re. 0-6-5 in the preceding year.

(6) Postponement Certificates.—During the year under report 408 Certificates for postponement of the vaccination of children were granted.

(7) Prosecutions—There were no cases of prosecution for failure to bring infants for vaccination, or for failure to present them for inspection seven days after the operation.

(8) Ill-effects from Vaccination.—No serious ill-effects due to vaccination were observed or reported during the year.

(9) Instruction to students.—During the year under report 147 Civil Medical Students and 47 private students from the City and the mofussil attended different Public Vaccination Stations for instruction in vaccination. Besides these, 9 Lady Health Visitors of the Bombay Presidency Infant Welfare Society were given instruction in Vaccination at the request of the Secretary of the Society free of the Charge.

(10) Vaccination of Pilgrims.—During the year under report, no Pilgrims left Bombay for Haj as a result of the decision of the Government of India.

(11) Though Small-pox did not prevail in an Epidemic form during the year under report, the disease had shown a persistant prevalence all through the 12 months and particularly in some of the usually clear months such as June to November. This was found to be due to continuous influx of susceptible and unprotected people into the City in search of occupation and employment in War indudstries. In order therefore to enable the Vaccination Branch to immunise as large a section of the population as possible, the services of the temporary staff of 3 Vaccinators, 3 Vaccination Karkoons and 4 Labourers employed from 14-10-1942 were continued throughout the year and additional 2 Vaccinators, 2 Vaccination Karkoons, 2 Labourers and 1 Clerk were taken on from 16-12-1943, as the disease had shown a tendency to rise.

(12) While the number of primary vaccinations was the highest done in any one year so far, the number of re-vaccinations done during the year was b y no means small as compared to that in any epidemic year in the past. It was therefore hoped that even if Small-pox were to be declared to be prevalent in an Epidemic form early in the coming year, it may not take the same toll amongst children upto 10 years of age, as it did in the past Epidemics.

(13) The services of the Lady Vaccinator who has been appointed on the staff since 1942 have been found useful for vaccinating pardah ladies.

B. D. E. KOTHAWALA,

Ag. Superintendent of Vaccination.

Table No. 1.

POPULATION BY SECTIONS

1		2			3		
		POPULATION.					
		By the Census 1931.			By the Census 1941.		
Ward.	Section.	Males.	Females.	Total.	Males.	Females.	Total.
1	Upper Colaba ...	288	148	436	7,210	1,091	8,301
	Middle and Lower Colaba ...	13,628	6,326	19,954	21,513	12,007	33,520
	Fort, South ...	2,854	641	3,495	9,656	3,738	13,394
2	Fort, North ...	16,823	9,009	25,832	18,367	10,189	28,556
	Esplanade ...	9,814	4,489	14,303	11,938	6,530	18,468
3	Mandvi ...	27,050	14,656	41,706	25,411	13,503	38,914
	Chukla ...	12,031	6,006	18,037	13,986	8,068	22,054
4	Umerkhadi ...	25,588	16,006	41,594	32,567	19,715	52,282
	Dongri ...	8,101	4,927	13,028	12,680	9,082	21,762
5	Khara Talao ...	14,998	8,245	23,243	22,998	14,071	37,069
	Kumbharwada ...	19,815	12,212	32,027	18,957	10,898	29,855
6	Bhuleshwar ...	23,097	12,009	35,106	19,033	8,634	27,667
	Market ...	26,952	11,699	38,651	22,923	11,461	34,384
7	Dhobi Talao ...	27,568	16,804	44,372	29,147	17,843	46,990
	Fanaswadi ...	19,722	12,355	32,077	21,575	14,362	35,937
8	Khetwadi ...	24,350	14,957	39,307	31,229	21,455	52,684
	Tardeo ...	19,200	12,548	31,748	21,216	13,996	35,212
9	Girgaum ...	24,369	14,417	38,786	32,485	21,470	53955
	Chowpati ...	10,091	6,106	16,197	13,670	9,082	22,752
10	Walkeshwar ...	14,523	8,211	22,734	15,354	9,797	25,151
	Mahalakshmi ...	22,948	13,621	36,569	32,254	22,368	54,622
11	Mazagon ...	28,414	14,739	43,153	28,575	15,762	44,337
	Tarwadi ...	24,678	15,660	40,338	24,210	14,659	38,869
12	1st Nagpada ...	4,672	2,551	7,223	6,350	4,740	11,090
	2nd Nagpada ...	13,368	7,694	21,032	19,635	11,055	30,690
	Kamathipura ...	23,488	14,083	37,571	26,346	16,063	42,409
13	Byculla ...	59,098	32,887	91,985	62,908	33,570	96,478
14	Parel ...	40,407	23,153	63,560	43,836	27,590	71,426
15	Sewri ...	17,376	9,380	26,756	20,625	11,239	31,864
	Naigaum ...	...	...	...	32,448	19,717	52,165
16	Matunga ...	43,167	26,031	69,198	25,562	18,195	43,757
	Sion ...	...	...	...	13,169	8,871	22,040
17	Dadar ...	30,048	19,196	49,244	30,727	19,885	50,612
	Mahim ...	...	...	...	25,566	19,139	44,705
18	Parbhadevi ...	73,644	40,887	1,14,531	37,023	21,775	58,798
	Worli ...	...	...	...	35,777	20,887	56,664
19	Chinchpokli ...	...	...	...	38,528	21,229	59,757
	Love Grove ...	...	...	...	3,386	1,313	4,699
	Harbour, Docks, Railways and Unknown ...	25,241	2,349	27,590	33,613	2,381	35,994
	Total ...	7,47,381	4,14,002	11,61,383	9,42,453	5,47,430	14,89,883

Table No. 2.

TABLE SHOWING THE AREA, DENSITY OF POPULATION, THE NUMBER OF BIRTHS, THE BIRTH-RATE AND DEATHS UNDER ONE YEAR PER 1,000 BIRTHS BY SECTIONS IN 1943.

1	2	3	4	5			6	7	8
Ward.	Sections.	Area in Acres.	Average Population per Acre calculated on the Census Population of 1941.	Number of Births registered.			No. of Births per 1,000 of Population.	Mean ratio of Births per 1,000 of Population during the preceding 5 years.	Deaths under 1 year per 1,000 Births.
				Males.	Females.	Total.			
1	Upper Colaba ...	605.77	13.7	101	101	202	24.3	39.4	84
	Middle and Lower Colaba ...	770.88	43.5	334	286	620	18.5	22.8	218
	Fort, Southern ...	454.26	29.5	125	146	271	20.2	2.6	70
2	Fort, Northern ...	89.70	318.4	394	400	794	27.8	30.5	181
	Esplanade ...	648.41	28.5	335	294	629	34.1	33.5	138
3	Mandvi ...	171.60	226.7	524	463	987	25.4	21.0	208
	Chukla ...	45.16	488.3	338	314	652	29.6	45.5	113
4	Umarkhadi ...	94.95	550.6	928	895	1,823	34.9	31.3	139
	Dongri ...	296.50	73.4	409	372	781	35.9	44.0	164
5	Khara Talao ...	57.36	646.3	426	352	778	21.0	23.5	201
	Kumbharwada ...	42.05	710.0	441	421	862	28.9	22.8	220
6	Bhuleshwar ...	43.22	640.1	560	592	1,152	41.6	25.7	184
	Market ...	81.75	420.6	449	424	873	25.4	25.2	155
7	Dhobi Talao ...	114.63	409.9	779	685	1,464	31.2	28.7	174
	Fanaswadi ...	102.39	351.0	589	526	1,115	31.0	29.5	198
8	Khetwadi ...	153.71	342.7	716	683	1,399	26.6	28.4	159
	Tardeo ...	146.92	239.7	569	616	1,185	33.7	24.5	198
9	Girgaum ...	114.42	471.5	743	679	1,422	26.4	28.3	174
	Chowpati ...	106.52	213.6	384	348	732	32.2	33.3	133
10	Walkeshwar ...	584.20	43.1	320	281	601	23.9	24.0	121
	Mahalakshmi ...	680.02	80.3	659	576	1,235	22.6	26.6	181
11	Mazagon ...	544.41	81.4	653	627	1,280	28.9	25.3	225
	Tarwadi ...	359.90	108.0	656	581	1,237	31.8	31.0	239
12	1st Nagpada ...	96.20	115.3	197	165	362	32.6	32.5	271
	2nd Nagpada ...	86.53	354.7	553	511	1,064	34.7	27.7	229
	Kamathipura ...	60.32	703.1	514	528	1,042	24.6	25.3	300
13	Byculla ...	536.27	179.1	1,525	1,446	2,971	30.8	23.8	270
14	Parel ...	560.59	127.4	1,346	1,169	2,515	35.2	32.3	185
15	Sewri ...	1,129.56	28.2	523	468	991	31.1	25.3	261
	Naigaum ...	425.08	122.7	910	866	1,776	34.0	...	239
16	Matunga ...	388.46	112.6	639	615	1,254	28.7	...	140
	Sion ...	2,737.89	8.1	423	391	814	36.9	41.2	160
17	Dadar ...	1,450.38	34.9	916	875	1,791	35.4	...	206
	Mahim ...	370.74	120.6	841	801	1,642	36.7	53.0	150
18	Parbhadevi ...	489.46	120.1	984	984	1,968	33.5	...	174
	Worli ...	915.11	61.9	985	898	1,883	33.2	35.9	241
19	Chinchpokli ...	477.31	125.2	899	841	1,740	29.1	...	228
	Love Grove ...	708.76	6.6	53	55	108	23.0	...	194
	Harbour, Docks, Railways and Unknown	...	...	...	...	...	...	...	...
	Total ...	16,761.57	88.9	22,740	21,275	44,015	29.5	28.6	197

Table No. 2A.

STATEMENT OF BIRTHS BY SECTIONS AND MONTHS FOR THE YEAR 1943.

Ward No.	Name of Section.	Months. January.	February	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
1	Upper Colaba ...	14	7	19	15	22	12	7	20	11	21	27	27	202
	Middle and Lower Colaba. ...	48	53	33	47	32	46	48	43	58	76	71	65	620
2	Fort, Southern ...	17	12	18	16	15	27	30	21	16	34	27	38	271
	Fort, Northern ...	52	40	36	46	51	58	70	70	80	84	113	94	794
3	Esplanade ...	44	34	27	38	51	42	55	71	74	68	71	54	629
	Mandvi ...	47	48	52	44	59	63	86	91	98	119	135	145	987
4	Chakla ...	43	36	41	47	45	54	61	64	65	65	63	68	652
	Umarkhadi ...	128	106	74	118	142	127	168	140	217	207	182	214	1,823
5	Dongri ...	46	28	32	47	46	71	66	67	110	103	71	94	781
	Khara Talao ...	40	35	41	53	54	88	72	76	73	77	78	91	778
	Kumbharwada. ...	47	53	32	45	57	61	71	65	109	101	102	119	862
6	Bhuleshwar ...	52	54	69	69	100	92	89	111	104	126	145	141	1,152
	Market ...	41	38	49	54	64	82	61	61	86	108	116	113	873
7	Dhobi Talao ...	94	66	72	83	97	112	123	131	153	177	184	172	1,464
	Fanaswadi ...	55	30	54	72	78	87	85	94	116	142	142	160	1,115
8	Khetwadi ...	93	47	79	66	94	114	109	115	124	147	170	241	1,399
	Tardeo ...	65	49	78	77	94	98	72	96	119	137	145	155	1,185
9	Girgaum ...	70	57	82	85	89	112	114	111	114	141	216	231	1,422
	Chowpati ...	44	48	52	33	45	53	56	54	78	81	90	98	732
10	Walkeshwar ...	43	34	33	30	47	45	59	49	47	66	71	77	601
	Mahalaxmi ...	71	70	71	68	97	17	101	121	97	131	100	201	1,235
11	Mazgaon ...	68	63	60	82	84	104	97	115	134	140	154	179	1,280
	Tarwadi ...	77	66	43	105	92	92	80	109	124	124	166	159	1,237
12	First Nagpada ...	26	13	19	15	33	26	44	28	32	38	36	52	362
	Second Nagpada ...	77	62	57	77	105	108	88	105	85	109	87	104	1,064
	Kamathipura ...	78	64	53	69	96	92	85	84	102	118	100	101	1,042
13	Byculla ...	207	173	139	197	232	222	201	272	335	363	327	303	2,971
14	Parel ...	175	142	121	182	178	201	229	211	239	275	276	286	2,515
15	Sewri ...	72	31	60	89	75	77	79	76	88	99	129	116	991
	Naigaum ...	161	93	114	125	136	119	150	147	167	164	178	222	1,776
16	Matunga ...	66	65	63	84	75	101	77	113	130	141	175	164	1,254
	Sion ...	60	39	46	59	58	64	65	72	92	94	88	77	814
17	Dadar ...	109	37	73	205	121	121	136	146	186	216	219	222	1,791
	Mahim ...	128	55	110	124	123	121	117	127	147	191	198	201	1,642
18	Parbhadevi ...	146	86	118	122	124	131	140	155	202	247	251	246	1,968
	Worli ...	127	112	78	114	124	128	137	151	197	224	255	236	1,883
19	Chinchpokli ...	124	86	83	103	107	111	124	140	195	204	213	250	1,740
	Love Grove ...	8	9	14	4	11	3	6	10	5	12	15	11	108
	Harbour, Docks, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...
	Total ...	2,863	2,141	2,295	2,909	3,153	3,372	3,452	3,732	4,405	4,970	5,186	5,527	44,015

Table No. 3.

TABLE OF POPULATION AND BIRTHS BY COMMUNITIES OR CASTES IN 1943.

Race or Caste.	Population		Births				
	By the Census of 1931	By the Census of 1941	Registered in 1943			Number per 1,000.	
			Males.	Females.	Total.	1942	1943
Jains ...	12,424	33,281	521	507	1,028	16·8	23·9
Brahmins ...	75,966	1,24,438	1,607	1,510	3,117		
Lingaits ...	347	1,736	158	141	299		
Bhatias ...	5,895	6,568	156	123	279		
Banias ...	50,822	34,921	784	700	1,484		
Hindus of other Castes ...	5,53,580	7,38,751	9,302	8,802	18,104		
Scheduled class ...	1,03,251	1,21,352	3,677	3,534	7,211	47·6	59·4
Mussalmans ...	2,09,246	2,51,318	3,887	3,542	7,429	21·6	29·6
Parsees ...	57,765	59,813	493	451	944	14·3	15·8
Jews ...	8,621	10,390	229	170	399	38·0	38·4
Indian Christians ...	64,269	78,149	1,569	1,488	3,057	34·5	39·1
Anglo-Indians ...	7,039	8,797	111	92	203	19·3	23·1
Europeans ...	9,420	13,001	157	144	301	12·1	23·2
Buddhists ...	1,630	912	46	34	80	68·0	87·7
Other and unknown Castes	1,108	6,456	43	37	80	9·0	12·4
Total ...	11,61,383	14,89,883	22,740	21,275	44,015	21·2	29·5

(The rates 16·8 and 23·9 are bracketed against Jains through Hindus of other Castes.)

Table No. 3-A.

TABLE SHOWING THE NUMBER OF BIRTHS BY MONTHS DURING THE YEARS 1940, 1941, 1942, & 1943 AND THE AVERAGE FOR THE YEARS (1937-41)

Period.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
1938—42...	3,445	2,906	2,809	2,733	2,756	2,561	2,744	2,874	3,389	2,197	3,619	3,945	36,978
1940 ...	3,433	3,093	3,063	3,038	3,075	2,736	3,011	3,047	3,141	3,544	3,673	3,979	38,833
1941 ...	3,629	2,846	3,108	2,953	3,013	2,860	2,997	3,201	3,499	3,799	3,863	4,186	39,954
1942 ...	3,593	3,005	2,139	1,995	2,047	1,882	1,999	2,194	2,446	3,240	3,373	3,623	31,536
1943 ...	2,863	2,141	2,295	2,909	3,153	3,372	3,458	3,732	4,409	4,970	5,186	5,527	44,015

Table No. 4.

TABLE SHOWING CASES OF INFECTIOUS DISEASES NOTIFIED FROM ALL SOURCES DURING THE YEAR 1943.

1	2	3														
		Total Number of Cases notified in each Section.														
Ward.	Sections.	Cholera.	Small-pox.	Plague.	Enteric Fever.	Diph-theria.	Typhus.	Relapsing Fever.	Kala Azar	Puerperal Fever.	Tuber-culosis.	Leprosy.	Influenzal Pneumonia	Ce rebro Spinal Meningitis.	Scarlet Fever.	Total.
	Upper Colaba ...	...	4	...	7	8	4	...	...	...	9	...	...	4	...	36
1	Middle and Lower Colaba	...	36	...	43	16	...	...	...	...	28	...	...	3	...	126
	Fort, Southern ...	...	8	...	34	4	1	...	...	...	13	...	...	2	...	62
2	Fort, Northern ...	1	27	...	38	7	...	...	...	...	49	...	...	2	...	124
	Esplanade ...	...	13	...	51	7	...	...	...	1	52	1	...	2	...	127
3	Mandvi ...	...	15	...	17	10	1	...	...	...	36	...	...	7	...	86
	Chukla ...	...	9	...	8	5	1	...	...	...	38	...	...	3	...	64
4	Umarkhadi ...	3	61	...	44	11	...	...	...	...	112	...	...	9	...	240
	Dongri ...	...	10	...	44	7	...	...	...	...	39	...	...	3	...	103
5	Khara Talao ...	...	14	...	15	9	...	...	...	...	29	...	...	4	...	71
	Kumbharwada ...	...	31	...	21	6	...	...	...	...	67	...	...	4	...	129
6	Bhuleshwar ...	...	26	...	15	11	1	...	...	...	59	...	...	6	...	118
	Market ...	...	15	...	31	5	...	...	...	...	37	...	...	3	...	91
7	Dhobi Talao ...	7	46	...	42	7	1	...	...	1	66	...	1	3	...	174
	Fanaswadi ...	1	20	...	33	2	...	...	...	1	41	...	...	3	...	101
8	Khetwadi ...	...	16	...	50	9	1	...	...	...	84	...	...	4	...	164
	Tardeo ...	...	39	...	31	7	...	...	...	1	44	...	...	4	...	126
9	Girgaum ...	...	6	...	54	8	...	...	...	...	83	...	...	1	...	152
	Chowpati ...	...	16	...	25	5	3	...	...	...	23	...	1	...	...	73
10	Walkeshwar ...	...	7	...	14	3	...	...	...	...	16	1	1	...	...	42
	Mahalakshmi ...	...	15	2	59	22	1	...	...	1	92	1	2	6	...	201
11	Mazagon ...	...	61	...	40	2	...	...	...	...	59	...	...	5	...	167
	Tarwadi ...	...	35	...	36	1	1	...	...	...	128	...	...	5	...	206
	1st Nagpada ...	...	5	...	19	7	...	...	...	...	19	...	...	...	...	50
12	2nd Nagpada ...	...	44	...	19	10	...	...	...	...	213	8	...	7	...	301
	Kamathipura ...	...	103	...	17	5	...	...	...	...	50	1	...	5	...	181
13	Byculla ...	7	180	...	202	71	...	...	...	2	136	1	...	50	...	649
14	Parel ...	1	44	...	122	14	...	...	...	3	97	...	...	12	...	293
15	Sewri ...	...	17	...	26	...	...	...	...	...	18	...	...	4	...	65
	Naigaum ...	...	49	...	36	12	...	...	...	...	45	...	...	6	...	148
16	Matunga ...	...	55	...	72	16	...	...	...	1	17	...	...	1	1	163
	Sion ...	...	25	...	39	6	...	...	...	...	20	81	...	7	...	178
17	Dadar ...	1	37	...	50	19	...	...	...	...	48	...	...	15	...	170
	Mahim ...	...	14	...	54	20	...	...	...	...	62	...	...	6	...	156
18	Prabhadevi ...	...	38	...	42	10	...	...	...	...	47	1	...	6	...	144
	Worli ...	...	46	...	51	5	...	...	...	...	60	...	...	11	...	173
19	Chinchpokli ...	...	127	...	60	4	1	...	...	2	39	...	...	13	...	246
	Love Grove ...	...	4	...	...	...	...	...	...	...	1	...	...	...	...	5
	Harbour, Docks, etc.	...	...	...	1	...	...	...	...	...	...	...	...	...	...	1
	Total ...	21	1,318	2	1,562	371	16	...	...	13	2,076	95	5	226	1	5,706
	Average of the last 5 years.	6	1,822	...	987	269	7	...	...	35	2,231	68	20	133	2	5,579

Table No. 5.

Table of Cases treated at all the Municipal Dispensaries during 1943.

Description of diseases	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.
Measles ...	1	2	2	8	7	3	...	4	4	2	7	8	48
Whooping Cough ...	8	5	8	4	6	7	13	9	14	6	11	4	95
Dengue ...	...	...	...	...	...	...	...	...	...	...	...	...	...
Influenza ...	2,073	2,004	2,146	2,307	2,602	2,700	2,756	2,605	2,241	2,909	3,052	2,512	29,907
Dysentery ...	139	151	194	215	186	266	320	334	240	172	136	147	2,500
Diarrhoea ...	483	491	702	709	709	1,087	1,073	974	732	683	713	682	9,038
Malarial Fever ...	170	111	105	89	116	122	163	139	167	160	171	138	1,651
Fever not defined ...	688	728	953	1,180	1.312	1,283	1,185	1,374	1,393	1,702	1,573	1,141	14,512
Bronchitis ...	150	127	126	120	116	136	145	99	118	162	147	160	1,606
Pneumonia ...	38	32	35	52	38	70	76	34	38	46	41	49	549
Diseases of the teeth ...	385	389	420	381	435	346	381	424	363	472	412	394	4,802
Ophthalmia ...	274	321	378	429	366	362	354	369	343	373	323	275	4,167
Corneal Ulcer ...	8	2	4	1	2	3	4	2	2	3	4	2	37
Ringworm ...	328	222	335	318	377	438	485	606	609	614	522	346	5,200
Scabies ...	950	1,065	963	919	795	926	1,129	1,526	1,832	2,071	2,016	1,932	16,124
Worms ...	299	358	382	402	315	338	400	508	367	443	444	441	4,697
All other diseases and injuries	7,769	7,497	9,065	9,294	10,057	10,348	10,611	11,127	10,426	11,815	11,191	9,759	1,18,959
Leprosy ...	1	...	...	...	...	...	...	1	...	...	...	...	2
Total new cases ...	13,764	13,505	15,818	16,428	17,439	18,435	19,095	20,135	18,889	21,633	20,763	17,990	*2,13,894

*Including 2,273 cases treated at the Maratha Hospital, out-door Departments.

Note.—This Table does not include the number of patients treated at the three Dispensaries for Tuberculosis (*see* page 11) and at those for Women and Children (*see* page 18).

Table No. 6.

DEATHS FROM ALL CAUSES BY SECTIONS AND AGE-PERIOD IN 1943.

1	2	3	4	5	6	7	8	9	10	11	12	13	14			15	16	
													Total deaths			No. of deaths among males to 100 deaths among females.	Ratio of deaths per 1,000 of population.	
Wards.	Sections.	Under 1 year.	1 to 5 years.	5 to 10 years.	10 to 15 years.	15 to 20 years.	20 to 30 years.	30 to 40 years.	40 to 50 years.	50 to 60 years.	60 years and upwards.	Age unspecified.	Males.	Females.	Persons.		1941	Mean during the previous 5 years.
1	Upper Colaba	17	15	...	1	3	46	25	11	7	6	...	99	32	131	309	15.7	22.9
	Middle and Lower Co'aba	135	71	14	12	16	37	44	33	29	73	...	281	183	464	i54	13.8	16.0
	Fort, Southern	19	13	2	1	8	24	17	13	11	25	...	91	42	133	217	9.9	8.1
2	Fort, Northern	144	82	14	9	12	54	66	42	45	93	...	324	237	561	137	19.6	22.0
	Esplanade	87	51	8	10	17	61	54	67	45	63	...	311	152	463	204	25.1	23.9
3	Mandvi	205	136	21	17	18	72	77	52	62	89	...	439	310	749	142	19.2	17.7
	Chukla	74	38	10	8	11	42	27	32	25	67	...	211	123	334	172	15.1	18.2
4	Umarkhadi	253	180	29	16	39	133	125	114	99	196	...	658	526	1,184	125	22.6	24.7
	Dongri	128	105	23	13	19	38	41	38	41	55	...	276	225	501	123	23.02	28.0
5	Khara Talao	156	81	6	14	15	57	51	46	53	88	...	307	260	567	118	15.3	17.6
	Kumbharwada	190	144	23	10	27	93	81	61	40	91	...	417	343	760	122	25.5	21.6
6	Bhuleswar	212	125	28	16	28	73	79	63	68	133	...	495	330	825	150	29.8	21.9
	Market	135	82	23	10	11	58	42	56	40	71	...	309	219	528	141	15.4	15.2
7	Dhobi Talao	255	163	28	16	23	100	82	68	83	176	...	559	435	994	129	21.2	21.0
	Fanaswadi	221	138	21	13	13	76	58	54	60	113	...	417	350	767	119	21.3	19.8
8	Khetwadi	223	161	48	20	41	135	102	99	91	180	...	610	490	1,100	125	20.9	21.4
	Tardeo	235	195	30	10	17	88	75	57	78	150	...	507	428	935	119	26.6	21.0
9	Girgaum	248	132	25	27	24	86	74	45	58	113	...	416	416	832	100	15.4	17.1
	Chowpati	97	26	12	9	10	27	25	28	41	21	...	157	139	296	113	13.0	15.4
10	Walkeswar	73	52	11	3	8	26	21	24	26	85	...	204	125	329	163	13.1	13.4
	Mahalakshmi	224	168	34	22	26	155	93	83	89	213	...	655	452	1,107	145	20.3	20.8
11	Mazagaon	288	192	27	18	29	113	122	75	62	140	...	617	449	1,066	138	24.0	21.0
	Tarwadi	296	188	36	20	33	111	109	60	46	135	...	565	469	1,034	120	26.6	28.6
12	1st Nagpada	98	72	8	6	7	24	25	15	19	31	...	159	146	305	109	27.5	19.7
	2nd Nagpada	244	132	29	28	42	176	230	201	159	264	...	977	528	1,505	185	49.0	28.3
	Kamathipura	313	282	45	40	35	161	129	75	83	176	...	692	647	1,339	106	31.6	30.2
13	Byculla	831	418	83	50	62	269	261	234	183	367	...	1,503	1,255	2,758	120	28.6	26.3
14	Parel	445	307	49	23	36	277	249	203	111	243	...	1,155	788	1,943	147	27.2	24.6
15	Sewri	259	222	35	20	26	82	77	53	43	86	...	486	417	903	117	28.3	28.2
	Naigaum	424	385	57	31	32	145	101	86	88	149	...	784	714	1,498	110	28.7	...
16	Matunga	175	100	32	13	20	71	43	43	51	107	...	362	293	655	124	15.0	...
	Sion	130	132	31	10	16	50	65	47	42	73	...	342	254	596	134	27.0	31.5
17	Dadar	369	377	62	20	20	130	85	75	67	130	...	737	598	1,335	124	26.4	...
	Mahim	246	142	23	21	29	89	69	71	67	153	...	500	410	910	122	20.4	30.7
18	Parbhadevi	380	310	46	20	32	129	144	85	105	169	...	739	681	1,420	109	24.2	...
	Worli	454	422	49	20	35	128	118	105	77	214	...	849	773	1,622	110	28.6	33.6
19	Chinchpokli	396	294	55	25	34	158	145	107	113	241	...	853	715	1,568	120	26.2	...
	Love Grove	11	13	1	1	1	7	5	6	5	14	...	40	24	64	167	13.6	...
	Harbour, Docks, etc.	...	...	1	...	2	2	13	14	17	33	2	64	20	84	320	2.3	...
	Total	8,690	6,146	1,079	623	877	3,603	3,249	2,641	2,429	4,826	2	19,167	14,998	34,165	...		...
	Average of five years 1938-42	8,048	5,065	978	536	860	3,285	2,896	2,359	2,091	4,260	1			30,378			

Table No. 6A

TABLE SHOWING INFANT MORTALITY BY SECTIONS AND MONTHS IN 1943.

Ward No.	Name of Section.	Months.												Total
		Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	
1	Upper Colaba ...	...	3	1	...	2	4	3	1	...	2	...	1	17
	Middle and Lower Colaba. ...	17	8	9	7	10	12	13	8	7	14	17	13	135
	Fort, Southern ...	...	...	...	1	1	5	3	1	3	2	1	2	19
2	Fort, Northern ...	8	10	17	3	17	19	11	13	12	14	12	8	144
	Esplanade ...	5	4	6	3	7	10	14	11	6	10	4	7	87
3	Mandvi ...	6	13	15	11	21	26	27	17	19	19	18	13	205
	Chukla ...	3	6	2	4	11	4	9	6	7	2	9	8	71
4	Umarkhadi ...	17	21	13	18	23	28	26	24	18	28	21	16	253
	Dongri ...	4	7	10	4	6	12	20	18	10	11	10	16	128
5	Khara Talao ...	8	5	17	14	9	12	15	16	9	19	11	21	156
	Kumbharwada ...	7	9	19	20	15	23	20	5	17	18	20	17	190
6	Bhuleshwar ...	10	12	21	9	15	16	25	15	19	16	28	26	212
	Market ...	4	6	4	12	13	19	17	5	8	16	21	10	135
7	Dhobi Talao ...	9	11	17	20	15	22	37	22	24	21	32	25	255
	Fanaswadi ...	6	13	6	16	19	18	27	20	21	28	22	25	221
8	Khetwadi ...	19	11	15	15	16	16	27	28	13	25	14	24	223
	Tardeo ...	22	13	14	18	23	27	19	20	17	19	22	21	235
9	Girgaum ...	9	8	17	25	16	18	27	20	24	27	25	32	248
	Chaupati ...	3	4	6	4	5	5	10	1	10	10	4	5	67
10	Walkeshwar ...	7	1	1	7	4	7	5	12	8	4	6	11	73
	Mahalaxmi ...	13	6	11	16	14	33	21	19	24	29	20	18	224
11	Mazgaon ...	16	14	18	20	24	26	37	27	25	27	22	32	288
	Tarwadi ...	20	19	26	13	24	29	29	30	23	35	23	25	296
12	1st Nagpada ...	6	6	7	5	6	9	15	12	10	7	7	8	98
	2nd Nagpada ...	16	14	14	16	24	12	25	30	22	25	24	22	244
	Kamathipura ...	27	22	19	23	24	27	25	23	30	36	29	28	313
13	Byculla ...	57	51	59	66	59	76	89	84	76	74	66	75	832
14	Parel ...	26	20	29	30	44	43	51	37	42	33	53	57	465
15	Sewri ...	16	10	20	19	22	25	19	16	22	31	25	34	259
	Naigaum ...	25	30	34	30	34	45	36	43	40	43	32	32	424
16	Matunga ...	8	9	13	12	15	20	26	14	7	11	15	25	175
	Sion ...	9	4	8	16	12	11	21	13	8	7	8	13	130
17	Dadar ...	31	12	20	37	35	42	31	36	38	22	37	30	371
	Mahim ...	9	7	15	20	23	24	26	16	26	30	33	17	246
18	Parbhadevi ...	21	20	19	34	33	32	39	34	39	38	29	42	380
	Worli ...	31	26	25	29	42	40	58	46	43	33	36	45	454
19	Chinchpokli ...	28	20	39	26	38	48	29	30	33	39	29	37	396
	Love Grove ...	...	...	2	1	...	3	3	2	2	1	3	3	20
	Harbour, Docks, etc. ...	1	...	...	...	...	...	...	...	...	...	...	...	[illegible]
	Total ...	524	455	588	624	721	848	935	775	762	826	788	844	8,690

Table No. 7.

DEATHS BY CASTES AND AGES IN THE YEAR 1943.

Caste.	Under 7 days		1 to 4 weeks		4 weeks to 6 months		6 to 12 months		1 to 2 years		2 to 5 years		5 to 10 years		10 to 15 years		15 to 20 years		20 to 30 years		30 to 40 years		40 to 50 years		50 to 60 years		60 and over		Age unspecified		All ages.			Average of five years 1938-42.
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Persons.	
Jains ...	8	13	9	7	12	8	20	21	7	18.	12	17	2	9	3	4	11	4	24	24	19	13	37	6	22	3	24	18	...	...	210	165	375	584
Brahmins ...	80	46	31	33	76	66	71	78	74	80	53	62	31	33	17	23	23	28	122	114	89	82	105	48	104	49	143	126	...	...	1,019	868	1,887	1,787
Lingayats ...	24	17	17	5	31	24	29	12	32	34	32	24	12	9	6	2	4	11	11	21	10	10	14	4	7	5	25	27	...	...	254	205	459	478
Bhatias ...	5	4	3	2	5	2	6	5	6	3	4	7	...	3	5	1	2	2	4	6	3	10	7	3	21	8	18	25	...	...	89	81	170	160
Banias ...	27	15	11	16	19	23	29	30	21	24	17	24	17	12	10	11	9	9	27	30	30	26	37	11	45	14	55	40	...	...	354	285	639	752
Hindus, Other Castes ...	606	450	309	313	476	410	569	615	660	679	595	559	233	257	149	125	216	182	10,23	700	1,052	592	923	333	769	305	1,001	856	...	2	8,581	6,380	14,961	13,674
Hindus, Low Castes ...	201	153	138	121	248	255	395	369	507	537	469	555	117	111	38	58	36	57	169	248	193	161	165	95	153	92	274	283	...	...	3,103	3,095	6,198	4,611
Mahomedans ...	213	140	121	100	235	204	163	170	203	200	168	188	79	81	53	64	76	124	394	346	441	234	427	144	375	112	664	369	...	...	3,612	2,476	6,088	5,477
Parsees ...	10	10	15	8	7	7	9	13	6	11	6	6	13	3	6	3	6	1	22	19	28	27	38	28	77	57	282	213	...	...	525	406	931	854
Jews ...	11	3	4	2	8	7	4	1	6	2	9	5	6	1	...	1	3	5	3	7	8	12	11	10	13	5	36	29	...	...	122	90	211	170
Indian Christians	59	50	57	60	110	135	65	53	52	58	46	55	26	22	19	17	25	31	140	85	91	65	103	38	94	49	137	102	...	...	1,024	820	1,844	1,548
Anglo-Indians ...	2	5	2	...	4	2	2	1	3	2	1	2	...	...	2	3	2	...	4	5	2	7	8	6	7	3	19	9	...	...	58	45	103	104
Europeans ...	3	4	1	2	3	...	1	2	...	1	2	...	...	...	2	1	6	4	42	5	27	4	18	7	24	7	20	23	...	...	149	60	209	129
Negro Africans ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Buddhists ...	3	...	1	1	2	1	1	5	1	...	1	...	...	...	...	...	...	...	4	1	12	1	15	...	8	1	7	1	...	...	55	11	66	28
Other and unknown castes.	7	10	...	...	2	1	...	...	...	...	...	...	...	...	...	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	12	11	23	22
Total Male ...	1,259		719		1,238		1,364		1,578		1,415		536		310		419		1,992		2,005		1,908		1,719		2,705		...		19,167			
Total Female		920		670		1,145		1,375		1,649		1,504		543		313		458		1,611		1,244		733		710		2,121		2		14,998		
Persons. ...	2,179		1,389		2,383		2,739		3,227		2,919		1,079		623		877		3,603		3,249		2,641		2,429		4,826		2		34,165			30,378
Average of five years 1938-42.	1,825		1,286		2,298		2,637		2,755		2,311		978		536		860		3,285		2,896		2,359		2,091		4,260		1		30,378			

Table No. 8.

DEATHS BY AGES AND MONTHS IN 1943.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Total.	Average of five years 1938-42.
Under 7 days... ...	146	111	128	134	158	175	197	206	225	252	257	190	2,179	1,825
1 to 4 weeks	73	64	72	72	104	104	122	142	153	179	153	151	1,389	1,286
4 weeks to 6 months ...	182	150	170	180	166	224	253	197	196	207	195	263	2,383	2,298
6 months to 12 months...	123	130	218	238	293	345	363	230	188	188	183	240	2,739	2,637
1 to 2 years	153	156	228	237	233	271	379	343	260	299	296	372	3,227	2,755
2 to 5 years	154	145	171	210	236	267	327	321	258	223	297	310	2,919	2,311
5 to 10 years	79	72	81	85	94	85	86	98	74	97	107	121	1,079	978
10 to 15 years	39	31	32	50	59	57	60	65	67	61	55	47	623	536
15 to 20 years	52	61	77	88	67	80	82	98	56	61	78	77	877	860
20 to 30 years	237	250	283	292	289	300	318	346	304	342	328	314	3,603	3,285
30 to 40 years	250	259	244	239	297	224	230	325	305	317	277	282	3,249	2,896
40 to 50 years	229	194	196	224	207	179	193	237	240	251	230	261	2,641	2,359
50 to 60 years	241	206	180	186	178	189	188	199	205	211	196	250	2,429	2,091
60 and over	454	362	364	403	396	360	431	383	378	406	393	496	4,826	4,260
Ages Unspecified ...	2	...	...	...	...	...	...	...	...	...	...	...	2	1
Total ...	2,414	2,191	2,444	2,638	2,777	2,860	3,229	3,190	2,909	3,094	3,045	3,374	34,165	
Average of five years 1938-42.	2,769	2,666	2,783	2,525	2,360	2,201	2,657	2,629	2,417	2,553	2,378	2,440		30,378

Table No. 9.

TABLE OF DEATHS BY SECTIONS AND MONTHS IN 1943.

Ward. No.	Localities — Name of Sections.	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	Oct.	Nov.	Dec.	TOTAL.
1.	Upper Colaba ...	16	14	13	5	17	5	17	13	7	11	6	7	131
	Middle and Lower Colaba.	52	33	35	28	29	36	42	32	28	47	53	49	464
	Fort, Southern ...	9	4	6	13	15	13	8	15	17	12	15	6	133
2.	Fort, Northern ...	38	49	40	31	51	66	48	54	46	50	44	44	561
	Esplanade	31	41	42	37	35	38	44	46	37	46	31	35	463
3.	Mandvi	49	52	59	58	72	57	72	57	66	81	67	59	749
	Chukla	27	22	12	30	33	26	39	34	28	22	32	29	334
4.	Umarkhadi	91	105	86	93	107	100	87	108	92	106	105	104	1,184
	Dongri	34	27	41	38	39	41	44	53	39	45	52	48	501
5.	Khara Talao ...	39	38	55	45	40	45	60	44	36	53	50	62	567
	Kumbharwada ...	53	41	57	82	62	63	55	48	78	78	72	71	760
6.	Bhuleshwar	59	57	66	72	71	55	68	83	51	60	99	84	825
	Market	40	30	29	48	45	51	40	48	37	58	53	49	528
7.	Dhobi Talao ...	72	53	65	72	72	82	103	94	78	98	103	102	994
	Fanaswadi	53	50	38	49	62	51	79	75	64	77	78	91	767
8.	Khetwadi	81	64	90	77	85	82	101	105	91	112	91	121	1,100
	Tardeo	76	67	82	71	79	85	78	68	72	72	79	106	935
9.	Girgaum	48	47	52	70	61	55	67	68	70	93	86	115	832
	Chowpati	20	26	21	22	18	22	29	19	30	29	27	33	296
10.	Walkeshsar	22	25	18	28	17	31	34	33	37	26	26	32	329
	Mahalakshmi ...	69	57	59	81	80	120	95	106	109	93	111	127	1,107
11.	Mazagaon	68	72	73	88	79	86	101	104	85	102	94	114	1,066
	Tarwadi	62	68	94	69	73	83	96	107	92	1 1	90	99	1,034
12.	1st Nagpada	23	19	23	15	21	23	33	30	40	28	24	26	305
	2nd Nagpada ...	101	94	103	123	125	98	136	147	123	169	136	150	1,505
	Kamathipura... ...	87	79	101	101	114	114	108	129	117	115	123	151	1,339
13.	Byculla	198	190	193	214	222	208	256	274	254	246	235	268	2,758
14.	Parel	131	118	125	138	163	172	187	171	160	187	175	216	1,943
15.	Sewri	67	48	68	72	69	75	73	79	80	80	93	99	903
	Naigaum	92	100	124	117	115	141	162	145	125	135	125	117	1,498
16.	Matunga	52	43	59	44	65	68	66	54	43	38	55	68	655
	Sion	44	34	44	64	69	45	60	60	49	44	32	51	596
17.	Dadar	108	85	84	114	109	119	134	140	121	83	112	126	1,335
	Mahim	63	48	65	69	79	74	90	87	83	84	94	74	910
18.	Parbhadevi	99	82	81	121	106	108	143	140	146	135	112	147	1,420
	Worli	108	93	97	120	132	132	202	186	153	136	115	148	1,622
19.	Chinchpokli	109	99	137	104	130	169	162	124	114	137	144	139	1,568
	Love Grove	2	3	5	3	7	7	5	10	5	5	5	7	64
	Harbour, Docks, etc. ...	21	14	2	12	9	14	5	...	6	...	1	...	84
	TOTAL ...	2,414	2,191	2,444	2,638	2,777	2,860	3,229	3,190	2,909	3,094	3,045	3,374	34,165

Table

TABLE OF DEATHS BY CAUSES

Wards.	SECTIONS.	1 Typhoid and Para-Typhoid Fever (1-2).	2 Cerebro-Spinal Fever (6)	3 Scarlet Fever (8)	4 Whooping Cough (9)	5 Diphtheria (10)	6 Tuberculosis of Respiratory System (13)	7 Other forms of Tuberculosis (14-22).	8 Syphilitic disease (30)	9 Influenza (33)	10 Measles (35)	11 Acute Poliomyelitis & Polio Encephalitis (36)	12 Acute infectious Encephalitis (37)	13 M Cancer of buccal cavity and Oesophagus (45, 46A) males.	13 F Cancer of uterus (48)	14 Cancer of Stomach and duodenum (46B)	15 Cancer of brest (50)	16 Cancer of all other sites (45-46A females, 46c-h 47, 49, 51-55)	17 Diabetes (61)	18 Intra-Cranial Vascular Lesions (83)	19 Heart Disease (90-95)	20 Other diseases of circulatory System (96-103)	21 Bronchitis (106)	22 Pneumonia (107-109)	2… Other Respiratory Diseases (104, 105, 110…
1	Upper Colaba ...	1	1	...	...	...	7	2	...	...	...	2	...	...	...	...	...	2	...	3	2	4	1	20	
1	Middle & Lower Colaba.	11	1	...	...	3	18	6	1	...	..	2	...	1	...	1	1	6	3	8	22	2	6	110	2
1	Fort, Southern ...	13	1	...	...	1	3	2	1	...	...	...	...	1	...	...	...	3	1	...	9	1	1	16	[illegible]
2	Fort, Northern ...	9	...	...	...	1	37	14	5	...	5	...	...	2	...	4	...	9	2	12	19	2	7	159	1
2	Esplanade ...	17	1	...	...	...	41	3	...	...	3	1	...	2	...	1	...	5	3	11	18	3	5	93	8
3	Mandvi ...	7	3	...	...	4	23	10	...	2	5	...	...	1	...	...	...	8	2	8	14	2	1	276	32
3	Chukla ...	3	1	...	...	...	16	11	...	...	...	...	...	...	...	1	2	4	2	7	10	2	3	83	27
4	Umarkhadi ...	13	3	...	...	3	78	26	2	1	6	...	...	4	...	2	...	13	3	17	17	4	5	268	51
4	Dongri ...	7	1	...	...	2	29	10	2	...	...	...	...	...	...	1	1	3	1	7	12	1	7	145	15
5	Khara Talao ...	4	3	...	...	1	21	3	1	...	1	...	...	...	...	1	...	4	1	5	11	1	60	169	8
5	Kumbharwada ...	9	2	...	...	1	26	6	1	...	9	...	...	4	...	...	...	6	...	6	9	...	26	230	23
6	Bhuleshwar ...	9	3	...	...	2	46	8	2	...	4	...	...	1	1	...	1	6	5	5	8	7	49	217	32
6	Market ...	16	1	...	1	3	42	8	...	...	1	1	...	4	...	2	1	8	...	5	19	3	2	152	14
7	Dhobi Talao ...	17	1	...	2	3	56	12	4	4	4	1	...	2	1	1	2	8	6	14	25	5	7	260	25
7	Fanaswadi ...	13	3	...	...	...	32	12	...	1	4	...	...	...	...	1	...	11	1	16	12	3	1	186	13
8	Khetwadi ...	37	2	...	2	2	66	14	4	4	11	...	...	8	...	3	4	8	8	17	40	10	23	232	29
8	Tardeo ...	9	1	...	...	1	27	12	3	...	13	...	...	2	...	...	1	11	4	10	12	2	2	273	81
9	Girgaum ...	30	1	...	...	1	54	22	1	3	3	...	...	1	5	1	1	8	6	10	15	2	20	180	20
9	Chowpati ...	11	...	...	...	...	15	9	1	1	1	1	1	1	2	2	1	8	5	6	13	7	4	41	9
10	Walkeshwar ...	2	...	...	...	...	13	2	...	1	...	1	...	1	...	...	...	2	5	7	18	1	3	78	14
10	Mahalakshmi ...	22	5	...	...	6	60	25	...	6	4	1	...	1	...	5	2	12	7	26	26	4	23	237	41
11	Mazagaon ...	10	1	...	...	1	45	6	1	...	5	...	...	1	...	1	1	8	1	10	16	2	13	391	25
11	Tarwadi ...	13	1	...	...	..	79	13	...	4	4	...	1	3	1	...	...	6	2	7	8	4	9	416	23
12	1st Nagpada ...	3	...	...	...	...	9	5	...	1	3	...	...	1	...	...	...	1	...	1	2	1	5	103	11
12	2nd Nagpada ...	11	3	...	...	1	180	19	9	...	12	1	...	3	...	2	1	8	3	12	24	12	33	230	48
12	Kamathipura ...	7	1	...	...	...	32	10	...	...	39	...	...	...	...	1	...	2	...	9	3	2	16	439	84
13	Byculla ...	46	12	...	2	8	87	23	7	2	34	1	...	1	...	1	...	12	2	19	27	6	27	642	183
14	Parel ...	58	6	...	...	4	74	38	6	4	7	...	...	6	3	11	2	15	6	23	19	16	23	512	102
15	Sewri ...	5	4	...	...	1	17	6	...	...	3	1	...	...	...	...	...	2	...	...	4	2	9	385	57
15	Naigaum ...	13	1	...	...		28	18	2	1	17	...	...	1	2	3	1	3	3	4	13	2	77	480	38
16	Matunga	24	1	1	2	2	22	12	1	...	5	1	...	1	5	...	2	12	6	14	18	3	8	100	12
16	Sion ...	13	1	...	...	...	16	4	1	1	10	...	...	...	...	...	...	4	3	3	4	3	3	171	16
17	Dadar	16	4	...	...	2	28	14	4	6	6	1	...	1	...	...	1	4	8	8	7	1	8	460	24
17	Mahim ...	19	3	...	1	3	37	22	2	6	5	...	...	2	...	2	2	6	3	15	13	7	3	177	2
18	Parbhadevi	25	1	...	...	2	32	10	4	3	21	...	...	1	...	1	2	4	...	8	7	4	8	345	6
18	Worli ...	23	...	...	3	...	38	11	3	2	29	...	...	4	...	...	...	5	3	4	10	2	4	504	10
19	Chinch pokli	19	5	...	...	1	23	11	2	...	29	...	1	2	...	3	...	3	1	15	10	3	6	397	11
19	Love Grove	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22	1
	Harbour, Docks etc.	2	1	...	...	...	23	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	...
	Total ...	567	78	1	14	59	1510	440	71	53	303	15	3	63	20	51	29	240	106	352	517	136	508	9,200	1,4

No. 10.

AND SECTIONS IN 1943.

24	25	26	27	28	29	30	31	32	33	34	35	36														
												Other defined Diseases														
												A	B	C	D	E	F	G	H	J	K	L	M			
Ulceration of stomach or duodenum (117)	Diarrhoea (119, 120)	Appendicitis (121)	Other Digestive Diseases (115, 116, 118, 122-129)	Nephritis (130-132)	Puerperal and Post abortive Sepsis (140, 147)	Other Maternal Causes (141-146, 148-150).	Premature birth (159).	Congenital malformation, birth injury (157, 158, 160, 161)	Suicide (163-164).	Road traffic accident (170-171).	Other Violent Causes (165-169, 172-198)	Small-pox (34).	Plague (3).	Kala Azar (29).	Malaria (28A).	Ague and Remittent fever (28B).	Relapsing fever (31).	Fever not Defined (200:2a).	Cholera (4).	Dysentery (27).	Leprosy (23).	Senility and old age (162)	All other causes	Still-born.	TOTAL.	Quinquennial Average (1938-42).
...	4	...	4	1	...	...	2	5	3	3	23	3	...	...	6	...	...	2	...	4	...	4	17	5	131	82
...	11	3	7	6	...	1	18	58	1	2	10	8	...	...	2	1	...	6	...	5	...	21	78	41	464	412
1	11	...	4	4	...	...	8	4	2	3	8	1	...	...	2	...	...	3	...	1	...	3	20	15	133	61
...	26	3	11	6	...	3	21	27	2	...	14	10	...	...	2	...	...	13	...	5	...	32	84	48	561	593
1	12	3	14	7	1	1	24	33	4	4	20	3	...	...	4	2	...	5	...	11	...	21	78	38	463	382
1	22	1	8	5	1	3	24	55	1	5	26	11	...	...	3	2	...	6	...	5	1	56	116	74	749	717
...	8	...	12	5	1	1	5	13	...	1	5	4	...	...	...	3	...	1	...	3	...	38	62	28	334	357
2	50	1	19	9	1	4	36	79	...	6	28	17	...	...	7	55	...	3	1	12	...	121	217	126	1,184	1,133
...	25	1	12	2	2	1	20	26	1	2	17	7	...	...	1	20	...	1	...	2	...	35	82	50	501	464
...	7	1	14	1	...	3	23	45	...	...	9	5	...	...	...	2	...	2	...	9	...	55	97	48	567	506
...	13	...	15	2	1	1	27	27	2	1	7	22	...	...	...	3	...	5	...	4	...	57	155	62	760	675
2	16	1	14	11	3	2	34	66	2	1	16	10	...	...	4	3	...	3	...	9	...	67	155	76	825	828
...	15	...	14	10	1	1	19	35	3	...	16	6	...	1	1	1	...	3	...	5	...	37	76	47	528	562
...	49	2	15	25	1	2	32	77	4	3	25	19	...	...	2	3	...	7	3	8	...	77	180	95	994	954
1	35	1	35	7	2	7	46	65	2	1	17	8	...	...	...	15	...	7	1	4	...	71	134	64	767	699
...	31	2	36	15	3	6	39	79	7	5	38	2	...	...	4	10	...	7	...	10	...	82	200	94	1,100	947
4	40	2	12	7	1	4	31	86	2	2	9	11	...	...	2	43	...	6	...	6	1	74	128	82	935	847
2	37	...	26	19	1	4	48	81	2	4	11	4	...	...	2	6	...	4	...	16	...	53	128	71	832	770
2	8	3	8	3	1	3	12	21	...	2	2	8	...	...	...	...	...	4	...	6	...	20	54	42	296	291
2	13	...	6	8	...	...	18	32	...	5	11	2	...	...	1	...	...	3	...	6	1	27	46	29	329	319
1	40	9	28	19	3	4	44	73	2	4	29	6	2	...	18	21	...	12	...	19	1	83	176	91	1,107	913
2	20	...	12	2	1	4	28	110	3	7	23	19	...	...	2	31	...	3	...	8	...	78	175	93	1,066	917
1	22	...	12	6	1	1	36	86	...	5	15	15	...	...	4	9	...	5	...	9	...	79	134	69	1,034	1,137
1	12	...	3	...	1	1	20	27	...	3	5	2	...	...	3	10	...	1	...	2	...	20	48	25	305	173
2	42	2	28	6	1	5	30	85	16	13	135	7	...	...	8	32	...	2	...	14	9	119	337	161	1,505	705
1	54	1	7	2	...	2	28	126	2	5	19	38	...	...	5	33	...	6	...	16	...	120	228	96	1,339	1,196
4	136	1	28	11	3	7	63	397	5	3	38	53	...	...	8	92	...	15	4	39	...	228	481	197	2,758	2,467
3	75	1	45	13	5	5	85	155	9	10	56	15	...	...	18	70	...	18	...	16	...	80	329	224	1,943	1,645
...	14	...	4	3	1	...	14	106	...	3	12	9	...	...	3	56	...	4	...	9	...	48	121	72	903	813
3	53	...	18	3	2	4	44	152	3	11	46	23	...	...	3	85	...	16	...	20	...	106	198	143	1,498	
...	50	1	26	13	1	3	12	59	2	4	20	25	...	...	1	7	...	12	...	15	2	30	120	75	655	2,280
...	22	1	7	1	...	2	9	48	3	1	13	11	...	...	3	34	...	10	...	15	79	34	50	44	596	
2	43	...	15	9	2	3	19	167	...	2	27	13	...	...	5	2	...	6	...	30	...	109	278	110	1,335	1,864
1	41	...	22	7	...	1	48	97	4	3	25	10	...	...	3	1	...	7	...	21	...	100	163	119	910	
2	114	5	14	3	1	4	40	152	4	1	22	29	...	1	5	50	...	10	...	14	...	136	269	153	1,420	
...	62	1	8	3	1	4	50	130	1	2	10	27	...	...	9	25	...	4	...	26	...	140	366	157	1,622	4,050
2	82	1	17	1	2	2	46	140	3	7	18	54	...	...	13	66	...	8	...	20	...	132	309	151	1,568	
1	4	...	1	...	...	...	4	6	...	...	...	2	...	...	...	4	...	1	...	1	...	2	14	9	64	
...	...	...	...	...	...	...	...	...	...	...	7	...	...	...	...	...	...	...	...	...	4	30	15	4	84	667
44	1319	47	581	255	45	99	1107	3,060	95	134	832	519	2	2	154	797	...	231	9	425	98	2625	5,918	3,129	34,165	30378

Table No. 11.

COMPARATIVE TABLE OF DEATHS FROM SOME OF THE PRINCIPAL CAUSES AND BIRTHS DURING 1943 AND THE PRECEDING 10 YEARS.

Year.	Births (excluding still-births).		Total Deaths.		Plague.		Small-pox.		Measles.		Cholera.		Influenza.		Enteric Fever.		Malaria.		Ague and Remittent Fever.		Tuberculosis.		Diarrhoea, Enteritis and Dysentery.		Respiratory Diseases.		Deaths under 1 year.		Deaths of Children (1 to 5 years.)			Maternal Deaths.	
	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000.	No. Regis-tered.	Rate per 1,000. Births Regis-tered.	No. Regis-tered.	Per-cen-tage to total deaths.	Still-born.	No. Regis-tered.	Rate per 1,000. Births Regis-tered.
33 ...	30,926	26.6	27,174	23.4	48	0.0	2,659	2.3	86	0.1	17	0.1	76	0.1	241	0.2	71	0.0	1,192	1.0	1,594	1.4	1,035	0.9	9,102	7.8	8,320	269.0	4,675	17.2	2,338	234	7.0
34 ...	33,724	29.0	27,370	23.6	31	0.0	152	0.1	161	0.1	13	0.0	98	0.1	240	0.2	101	0.1	1,397	1.2	1,856	1.6	1,280	1.1	10,056	8.7	8,253	245.0	4,540	16.6	2,365	251	7.0
35 ...	34,428	29.6	29,289	25.2	1	0.0	1,248	1.1	264	0.2	13	0.0	72	0.1	232	0.2	97	0.1	1,389	1.2	1,929	1.7	1,235	1.1	10,641	9.2	8,455	245.6	5,537	18.9	2,329	197	5.4
36 ...	35,905	30.9	29,934	25.8	2	0.0	906	0.8	146	0.1	5	0.0	71	0.1	292	0.2	91	0.1	1,332	1.2	1,993	1.7	1,475	1.3	10,601	9.2	8,946	249.1	4,340	17.8	2,429	184	4.8
37 ...	35,455	30.5	30,768	26.5	...	0.0	688	0.6	211	0.2	4	0.0	68	0.1	344	0.3	73	0.1	1,298	1.1	2,037	1.7	1,662	1.4	11,241	9.7	8,688	245.0	5,740	18.7	2,340	165	4.4
8 ...	36,748	31.6	35,999	31.0	...	0.0	1,862	1.6	269	0.2	1	0.0	80	0.1	507	0.4	103	0.1	1,065	0.9	2,078	1.8	1,862	1.6	13,584	11.7	9,801	267.0	7,111	19.7	2,565	186	4.7
9 ...	37,822	32.6	30,520	26.3	...	0.0	201	0.2	102	0.2	...	0.0	58	0.0	249	0.2	171	0.1	761	0.6	2,034	1.7	1,551	1.3	10,772	9.3	8,008	211.7	4,575	15.0	2,726	169	4.2
0 ...	38,833	33.4	29,100	25.0	...	...	834	0.7	243	0.2	6	0.0	42	0.0	399	0.3	98	0.1	732	0.6	1,934	1.7	1,270	1.1	9,441	8.1	7,823	201.4	4,763	16.4	2,652	166	4.0
1 ...	39,954	26.8	31,096	20.9	[illegible]	0.0	1,293	0.8	199	0.1	7	0.0	44	0.0	554	0.4	88	0.5	668	0.4	1,692	1.7	1,374	0.9	10,186	6.8	8,445	211.4	5,052	16.2	2,654	152	3.6
2 ...	31,536	21.2	25,177	16.9	...	0.0	591	0.4	186	0.1	...	0.0	28	0.0	375	0.2	109	0.1	400	0.3	1,581	1.0	1,132	0.8	7,698	5.2	6,164	195.4	3,825	15.2	2,009	122	3.6
age -42	35,533	29.0	29,642	24.2	10	0.0	1,043	0.8	186	0.1	6	0.0	63	0.05	343	0.3	100	0.1	1,023	0.8	1,872	1.5	1,387	1.1	10,332	8.4	8,290	233.3	5,015	16.9	2,440	182	4.8
ge 42	36,978	28.6	30,378	23.5	...	0.0	956	0.7	199	0.1	2	0.0	50	0.0	416	0.3	113	0.1	725	0.6	1,863	1.4	1,437	1.1	10,336	8.0	8,248	223.1	5,065	16.6	2,521	159	4.0
...	**44,015**	**29.5**	**34,165**	**22.9**	**2**	**0.0**	**519**	**0.3**	**303**	**0.2**	**9**	**0.0**	**53**	**0.0**	**567**	**0.4**	**154**	**0.1**	**797**	**0.5**	**1,950**	**1.3**	**1,744**	**1.2**	**11,139**	**7.5**	**8,690**	**197.4**	**6,146**	**18.0**	**3,129**	**143**	**3.0**

Table No. 12.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943.

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec.	Total.
		I.—Infective and Parasitic Diseases.													
		(1-26) *Diseases due to bacteria*—													
1	1	Typhoid Fever ...	22	34	24	58	57	59	73	87	55	34	34	30	567
B	3	Plague ...	...	...	...	...	...	...	...	2	...	...	...	...	2
H	4	Cholera ...	...	...	...	...	...	1	...	5	2	1	...	...	9
36	5	Undulant Fever ...	...	...	...	...	...	...	1	...	...	...	...	...	1
2	6	Cerebro-spinal Meningitis ...	4	8	8	12	13	8	8	...	6	6	3	2	78
3	8	Scarlet Fever ...	...	...	1	...	...	...	...	...	...	...	...	...	1
4	9	Whooping Cough ...	2	3	...	1	1	3	1	1	2	...	...	...	14
5	10	Diphtheria ...	5	6	2	6	8	4	3	1	2	7	6	9	59
36	11	Erysipelas ...	...	...	...	2	1	...	...	...	1	...	...	1	5
36	12	Tetanus ...	11	17	15	16	16	22	14	17	15	12	17	15	187
		(13-22) *Tuberculosis (all forms)*—													
6	13	Tuberculosis of the Respiratory System ...	132	137	124	137	123	128	104	125	128	138	115	119	1,510
7	14	Tuberculosis of the Meninges and Central Nervous System ...	17	10	26	11	20	13	11	14	8	22	20	15	187
7	15	Tuberculosis of the Intestines and Peritonium	13	8	16	24	17	12	11	17	27	14	11	10	180
7	16	Tuberculosis of the Vertibral Column ...	1	2	2	5	3	1	1	1	3	3	2	3	27
7	17	Tuberculosis of other bones and joints ...	1	4	1	...	4	2	1	...	2	1	...	...	16
7	18	Tuberculosis of the Skin and Subcutaneous Cellular Tissue ...	...	...	...	...	...	...	...	...	...	1	...	...	1
7	19	Tuberculosis of the Lymphatic System ...	1	2	5	...	2	...	...	2	1	1	1	...	15
7	20	Tuberculosis of the Genito Urinary System	...	...	1	...	...	...	...	...	...	1	...	...	2
7	21	Tuberculosis of other organs ...	...	...	...	...	...	...	...	...	...	2	...	...	2
7	22	Disseminated Tuberculosis ...	1	1	1	...	...	1	1	...	...	1	2	2	10
K	23	Leprosy ...	8	11	7	7	9	8	7	10	10	9	6	6	98
36	24	Purulent Infection and Septicaemia ...	19	6	8	13	17	16	12	14	10	10	9	2	136
36	25	Gonococcal Infection ...	...	...	1	...	...	...	...	...	...	...	...	...	1
J	27	Dysentery ...	17	17	30	34	37	50	54	55	40	25	34	32	425
D	28(a)	Malaria ...	11	10	8	2	9	8	8	16	22	19	17	24	154
E	28(b)	Remittent Fever ...	41	67	59	85	80	68	81	77	62	58	59	60	797
C	29(a)	Kala Azar ...	...	...	...	...	...	1	...	...	...	...	...	1	2
8	30	Syphilis ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Locomotor Ataxia (Tabes dorsalis) ...	...	2	...	...	1	...	2	...	...	...	...	...	5
		(c) Aneurysm of Aorta ...	3	4	3	4	2	6	...	7	1	3	3	1	37
		(D) Other forms of Syphilis ...	2	2	1	...	1	1	3	1	2	2	2	...	17
		(a) Congenital Syphilis ...	...	...	...	1	...	2	...	...	...	1	4	2	10
		(b. c. d.) Other or Unspecified Syphilis ...	...	...	...	...	...	...	1	...	...	...	...	1	2
36	32	Other Diseases due to Spiro Chaetes ...	...	...	1	...	...	...	...	2	...	...	...	...	3
9	33	Influenza ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) With respiratory complications ...	...	...	2	2	3	2	4	2	1	1	1	2	20
		(b) Without respiratory complications ...	2	1	4	2	1	3	3	4	3	4	4	2	33
A	34	Small-pox ...	10	26	73	56	78	48	31	32	42	35	25	63	519
10	35	Measles ...	2	8	14	26	32	28	17	25	25	25	39	62	303
11	36:1	Acute Poliomyelitis ...	...	1	...	1	...	3	2	1	...	1	3	1	13
11	36:2	Acute Polioencephalitis ...	...	...	...	1	...	...	...	1	...	...	...	...	2
12	37	Acute Infectious Encephalitis (Lethargic or Epidemic) ...	1	...	...	...	1	...	1	...	...	...	...	...	3
36	38	Other Diseases due to Viruses—													
		(b) Rabies (shown under 194 a) ...	1	...	...	...	...	...	...	...	...	...	...	...	1
		(e) Varicella (Chickenpox) ...	...	4	12	4	2	1	2	...	...	1	...	3	29
36	39	Typhus ...	...	1	...	...	...	...	...	...	...	...	1	1	3
36	40	Ankylostomiasis ...	2	...	...	...	...	2	1	...	1	...	...	...	6
36	41	Hydatid Diseases ...	...	...	...	...	...	...	...	...	...	1	...	...	1
36	42	Other diseases due to Helminths ...	...	...	1	...	...	...	...	...	...	...	...	...	1
36	44	Other Infective or Parasitic Diseases—													
		(b) Pernicious lympho granulomatosis (Hodgkins diseases) ...	...	...	2	...	1	...	...	...	...	...	1	...	4
		(c) Mumps ...	...	...	...	...	1	...	...	...	...	1	...	...	2
		(d) Other diseases included under 44 ...	...	...	...	2	...	...	...	...	...	...	...	...	2
		II.—Cancer and other Tumours.													
13	45*	Cancer of the Buccal Cavity and Pharynx—													
13		(b) Tongue Males ...	...	3	1	3	1	...	1	1	...	2	2	...	14
13		Females ...	...	2	...	...	...	...	...	...	2	2	...	...	6
13		(c) Other and Unspecified sites Males ...	2	...	1	3	1	8	1	2	...	...	1	1	20
13		Females ...	2	...	...	1	2	...	...	...	1	...	1	1	8
13	46	Cancer of the digestive organs and peritonium													
13		*(a) Oesophagus Males ...	...	4	...	1	2	1	2	2	7	2	7	1	29
		Females ...	...	...	...	1	...	...	...	...	1	2	...	...	4
14		(b) Stomach and duodenum ...	10	1	3	2	2	7	2	7	4	2	5	6	51
16		(c) Intestines other than duodenum or rectum ...	1	...	1	3	3	1	2	3	2	2	...	...	18
16		(d) Rectum ...	...	2	5	3	1	1	1	1	1	2	1	...	18

*Males are tabulated in short list No. 13 ond females in No 16. of detailed list Nos. 45, 46a.

Table No. 12—Contd.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943—*Contd.*

Classification No. Short List.	Classification No. Detailed List.	SPECIFIC CAUSES OF DEATH.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	TOTAL.
		II.—Cancer and other Tumours—(Contd.)													
		(*e*) Liver and biliary passages ...	...	...	2	6	3	2	1	1	...	2	1	2	20
		(*f*) Pancreas ...	1	...	...	2	...	...	1	...	...	1	1	...	6
16		(*g*) Peritonium ...	...	...	...	...	...	1	...	...	...	...	...	...	1
		(*h*) Other or Unspecified digestive organs...	...	1	...	...	...	...	...	...	...	...	1	...	2
16	47	Cancer of the respiratory system ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Larynx and trachar ...	3	5	4	3	4	4	...	1	1	3	4	...	32
		(*b*) Bronchi, lung and pleural ...	1	...	1	1	2	...	2	...	4	1	...	1	13
		(c) Unspecified respiratory organs ...	...	...	...	...	...	...	...	1	...	...	...	...	1
13	48	Cancer of the Uterus ...	...	1	...	1	1	2	...	...	...	1	...	...	6
		(*a*) Cervix Uteri ...	1	...	...	...	3	...	...	1	3	1	1	1	11
		(*b*) Other Unspecified sites ...	...	...	...	...	...	...	...	...	1	1	...	1	3
16	49	Cancer of other female genital organs ...	...	1	2	...	...	2	...	1	1	2	...	...	9
15	50	Cancer of the breast ...	...	3	2	5	2	3	...	5	4	1	2	2	29
	51	Cancer of the male genital organs ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(*a*) Scrotum ...	1	...	...	...	...	...	...	...	...	...	...	...	1
		(*b*) Prostate ...	1	1	...	...	...	...	1	...	...	...	...	1	4
		(*c*) Other or unspecified male genital organs	...	1	...	...	1	...	...	...	1	...	1	...	4
	52	Cancer of the male and female urinary organs	...	...	...	...	3	...	...	1	...	1	...	1	6
	53	Cancer of the Skin (Scrotum excepted) ...	1	1	...	...	1	...	...	1	1	...	...	...	5
16	54	Cancer of the brain and other parts of Nervous system ...	...	1	...	...	...	...	...	...	...	...	...	...	1
		(*b*) Sarcoma ...	...	...	...	...	...	...	...	1	1	...	...	...	2
		(*c*) Other or Unspecified forms included under 54 ...	...	...	...	1	...	2	...	...	...	...	...	...	3
	55	Cancer of other or Unspecified organs ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*b*) Bones ...	...	...	...	...	...	...	...	2	2	...	1	...	5
		(c) Thyroid gland ...	...	...	...	...	...	2	2	...	...	...	...	...	4
		(*d*) Others included under 55 ...	3	3	6	6	7	1	8	6	6	6	3	11	66
		Tumours:—													
	56	Non-malignant Tumours ...	...	1	1	...	...	...	...	...	1	2	...	...	5
		(*e*) Other and Unspecified organs ...	...	...	...	...	...	...	2	...	...	...	...	...	2
	57	Tumours of Undetermined Nature ...	...	1	...	...	1	...	...	1	...	1	1	...	5
		(*b*) Uterus ...	...	...	...	...	...	...	...	...	1	...	...	...	1
		(*d*) Brain and other parts of Nervous system	...	...	...	...	...	...	1	...	1	...	...	1	3
36															
		III.—Rheumatism, Diseases of Nutrition and of the Endocrine Glands and other General Diseases.													
	58	Rheumatic fever ...	2	1	...	1	2	1	5	3	3	3	3	2	26
	59-1	Rheumatoid Arthritis ...	...	...	1	...	1	...	...	1	1	...	...	...	4
	59-2	Other Chronic articular Rheumatism ...	...	...	...	...	...	...	...	...	...	...	...	2	2
17	61	Diabetis Mellitus ...	16	10	9	5	8	10	8	13	6	7	9	5	106
36	62	Diseases of the Pituitary gland ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(3) Other diseases included under 62 ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	63	Diseases of the Thyroid and parathyroid glands ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Simple Goitre ...	...	...	...	...	...	...	1	...	...	...	...	...	1
		(*b*) Exophthalmic Goitre ...	...	1	...	...	...	1	...	...	...	...	1	...	3
		(*d*) Other diseases of thyroid glands ...	...	...	...	...	...	...	...	1	...	...	...	...	1
	64	Diseases of the Thymus ...	...	...	...	1	1	...	1	...	...	...	...	...	3
	66	Other General diseases ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(1) Pink Disease ...	...	1	...	...	...	...	...	...	...	...	...	...	1
		(2) Idiopathic Steatorrhoea (Sprue etc.) ...	8	...	1	...	1	...	3	3	4	4	2	5	31
		(c) Other diseases included under 66(*b*) ...	4	3	2	5	4	...	1	3	3	6	6	6	43
	67	Scurvy ...	...	...	...	...	...	...	...	...	1	...	...	...	1
	68	Beri-Beri ...	...	...	...	...	...	...	...	...	...	1	...	...	1
	69	Pellegra ...	...	...	1	1	...	...	...	1	1	1	...	1	6
36	70	Rickets ...	59	40	59	52	93	119	152	159	131	123	123	104	1,214
	71	Other Vitamin Deficiency Diseases ...	...	...	1	...	...	...	...	2	...	...	...	1	4
		IV.—Diseases of the blood and blood forming Organs.													
	72	Haemorrhagic Conditions ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Primary Purpura ...	...	...	...	...	2	...	...	...	...	...	...	...	2
	73	Anaemia ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Pernicious anaemia ...	...	1	...	...	...	...	2	...	1	5	10	18	37
		(*b. c. d.*) Other anaemias and chlorosis ...	203	140	156	166	170	138	178	223	233	271	200	198	2,273
	74(*a*)	Leukaemia ...	1	...	...	...	1	4	...	1	3	3	...	...	13
	75	Diseases of the Spleen ...	...	...	...	...	2	...	...	...	1	1	1	...	5
	76	Other diseases of the Blood and Blood forming organs ...	...	...	...	1	1	...	1	...	...	...	...	1	4
		V.—Chronic Poisoning and Intoxication.													
	79	Chornic poisoning by other mineral and organic substances ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(c) Other non-occopational chronic poisoning	...	...	...	...	...	...	...	...	...	1	...	1	2

Table No. 12—Contd.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943—*Contd.*

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
		VI.—Diseases of the nervous system and sense organs.													
36	80	Encephalitis (non-epidemic)—													
		(a) Intra Cranial abscess ...	...	1	...	...	1	...	...	1	...	1	...	...	4
		(b) Other diseases included under 80 ...	7	4	10	7	5	6	3	7	7	4	7	10	77
	81	Meningitis (non-menigococcal) ...	11	15	8	10	10	7	8	8	4	15	9	11	116
	82	Diseases of Medulla and Spinal cord ...	...	4	1	1	2	...	...	...	...	1	1	2	12
18	83	Intracranial Lesions of Vascular origin—													
		(a) Cerebral Haemorrhage ...	20	7	10	7	22	8	10	8	19	9	17	23	160
		(b) Cerebral Embolism and Thrombosis ...	2	4	2	3	2	6	2	3	...	2	3	3	32
		(c) Softening of Brain ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(d) Hemiplegia and other paralysis of unstated origin ...	9	14	24	15	10	19	10	12	12	10	9	13	157
		(e) Other Intra-Cranial effusions ...	...	...	...	1	...	...	1	...	...	...	...	...	2
36	84	Mental Disorder and Deficiency—													
		(a) Mental deficiency ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		(b) Other mental disorders iucluded under 84 ...	...	...	...	...	...	...	...	1	1	...	...	...	2
		(1) Melancholia ...	...	1	...	...	1	...	...	...	...	...	...	...	2
		(2) Other or unspecified conditions included under 84*d* ...	...	...	...	...	2	...	...	...	...	...	...	...	2
	85	Epilepsy ...	...	1	1	1	...	1	3	1	1	2	...	1	12
	86	Convulsions in children under 5 years of age	43	31	22	34	45	44	54	39	38	45	49	46	490
	87	Other Diseases of the Nervous System—													
		(b) Neuritis (non-Rheumatic) ...	...	...	...	...	...	...	1	...	...	...	...	...	1
		(c) Paralysis agitans ...	...	...	1	...	...	...	...	1	...	...	...	...	2
		(d) Desseminated Sclerosis ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(e) Other diseases included under 87 ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(1) Convulsions of undetermined origin (age 5 and over) ...	...	...	...	...	...	...	...	1	...	...	...	...	1
		(2) Other diseases included under 87(*e*) ...	...	...	...	1	1	...	...	1	...	...	...	...	3
	88	Diseases of the organs of Vision ...	...	...	...	...	...	...	...	...	...	...	...	1	1
	89	Diseases of the Ear and of the Mastoid Antrum—	...	...	...	...	...	...	...	...	1	...	...	...	1
		(a) Olitis and other diseases of the Ear ...	1	...	...	1	...	...	...	...	...	...	1	...	3
		(b) Diseases of the Mastoid Antrum ...	...	2	1	...	...	2	1	...	2	...	1	...	9
		VII.—Diseases of the Circulatory System.													
19	90	Pericarditis ...	...	1	2	1	1	...	2	2	1	...	...	1	11
	91	Acute Endocarditis ...	...	4	1	...	1	1	...	...	3	1	1	1	13
	92abc	Chronic Affections of the valves and endocardium ...	10	5	5	4	8	5	8	9	6	4	2	4	70
	93a	Acute Myocarditis ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	93b	Chronic Myocarditis specified as Rheumatic	...	...	...	...	...	...	...	...	...	1	...	...	1
	93c	(1) Cardio vascular degeneration ...	...	1	...	...	1	...	...	...	2	...	...	...	4
		(2) Myocardial degeneration described as Fatty ...	...	...	...	...	1	...	1	1	...	...	...	1	4
		(3) Other Myocardial degeneration ...	3	1	1	2	3	1	3	2	1	4	1	1	23
	93d	Myocarditis (not distinginshed as acute or chronic) ...	...	2	1	2	2	3	2	3	2	...	...	2	19
	94	Diseases of the Coronary Arteries, Angina Pectoris ...	35	36	29	23	23	26	18	25	20	18	21	25	299
	95	Other Diseases of the Heart—													
		(a) Functional heart disease (without mention of organic lesion) ...	...	...	...	1	1	...	1	2	1	...	...	...	6
		(b) Heart Disease specified as Rheumatic but otherwise ill defined ...	...	...	...	...	...	...	...	...	1	...	1	...	2
		(c) Other diseases included under 95 ...	9	3	13	4	5	7	7	6	1	1	1	7	64
20	96	Aneurysm (except of Heart and Aorta) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	97	Arterio Sclerosis (excluding Coronary or Renal Sclerosis or Cerebral Haemorrhage)	...	...	...	...	1	...	1	2	7	4	4	1	20
	98	Gangrene ...	...	2	3	4	4	4	4	10	2	4	7	4	48
	99	Other Diseases of the arteries ...	1	...	2	...	1	...	...	1	1	...	...	1	7
	100	Diseases of the Veins— ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(a) Varices ...	2	...	1	...	1	...	...	1	...	...	1	...	6
		(b) Other diseases of the Veins ...	...	...	...	1	...	1	...	2	1	1	...	...	6
	101	Diseases of the Lymphatic system ...	1	...	...	...	...	...	1	...	1	...	...	...	3
	102	High Blood Pressure (Idiopathic) ...	8	4	3	3	5	4	3	1	1	1	1	3	37
	103	Other Diseases of the Circulatory system ...	2	1	1	1	...	1	2	...	...	1	...	...	9
		VIII.—Diseases of the Respiratory System.													
23	104	Diseases of the Nasal Fossae and Annexa ...	...	...	...	1	...	...	...	...	1	...	...	...	2
	105	Diseases of the Larynx ...	...	...	...	...	1	2	1	...	...	3	...	...	7
21	106A	Acute Bronchitis ...	...	5	6	1	1	1	1	1	1	1	...	1	19
	106B	Chronic Bronchitis ...	36	27	29	20	22	29	39	38	26	34	32	42	374
	106C	Bronchitis (not distinguished as acute or chronic) ...	11	15	6	9	6	10	10	7	10	3	10	18	115
22	107	Broncho Pneumonia ...	330	305	446	463	483	527	668	535	434	469	537	677	5,874
	108	Lobar Pneumonia ...	21	21	17	28	33	22	24	20	16	16	24	30	272
	109	Pneumonia (Unspecified) ...	222	235	214	256	245	234	302	249	208	260	317	312	3,054

Table No. 12—Contd.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943—*Contd.*

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
		VIII.—Diseases of the Respiratory System—(Contd.)													
	110A	Empyema ...	2	2	2	1	1	2	4	4	2	5	2	3	30
	110B	Other or Unspecified forms of Pleurisy ...	2	...	2	1	1	2	3	6	5	8	2	4	36
	111	Congestion Oedema Haemorrhagic infection and Thrombosis of Lungs ...	13	11	9	9	13	8	10	7	13	10	12	15	13
	112	Asthma ...	123	72	65	90	95	96	81	96	100	101	112	144	1,17
	113	Pulmonary Emphysema ...	...	...	...	1	...	...	...	...	...	...	1	...	2
23	114C	Gangrene of Lung ...	...	...	...	...	1	...	1	...	...	...	...	1	3
	114B	Abscess of Lung ...	4	2	1	3	2	7	1	5	3	3	2	1	34
	114E	Other Diseases included under 114 not specified as occupational ...	...	...	...	...	...	...	...	...	2	...	...	...	2
		(1) Chronic interstitial Pneumonia not indicated as occupational ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(2) Other Diseases included under 114(E).	2	...	1	...	...	1	...	...	1	...	2	2	9
		IX.—Diseases of the Digestive System.													
	115a	Diseases of the teeth and gums ...	1	...	...	...	...	1	1	...	...	...	1	1	5
	115b	Septic sore throat—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(1) With mention of tonsillectomy ...	...	2	1	...	...	2	...	...	...	...	...	...	5
		(2) Others with mention of tonsils ...	1	...	...	...	...	...	...	...	...	...	...	...	1
27	115c	Other Diseases of the Pharynx and tonsils ...	...	...	...	...	...	...	...	...	...	1	...	...	1
		(1) With mention of tonsillectomy ...	1	1	1	1	...	...	3	...	1	...	...	2	10
		(2) Others with mention of tonsils ...	...	...	1	...	...	1	...	...	...	...	...	1	3
		(3) Other Diseases included under 115(*c*).	...	...	...	...	...	...	1	...	...	...	...	...	1
	115d	Other diseases included under 115 ...	1	...	1	...	...	...	...	...	...	1	1	...	4
	116	Diseases of the Oesophagus ...	...	...	...	...	...	...	...	1	...	...	...	...	1
24	117	Ulcer of the stomach or duodenun —	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Ulcer of the stomach ...	2	3	2	2	1	...	4	...	3	3	...	1	21
		(*b*) Ulcer of the duodenum ...	3	...	1	...	1	2	2	3	...	6	3	2	23
27	118	Other diseases of the stomach ...	1	3	3	4	4	3	3	...	3	3	...	1	28
25	119-120	Enteritis and Diarrhoea ...	54	51	67	101	119	148	205	218	125	85	71	75	1,319
26	121	Appendicitis ...	5	2	2	6	3	3	2	4	5	5	4	6	47
	122a	Hernia ...	2	6	4	3	3	...	...	1	...	1	1	1	22
	122b	Intestinal Obstruction ...	3	2	...	2	5	5	5	5	6	2	7	1	43
		(1) Intussusception ...	...	1	...	...	...	...	...	1	...	...	...	...	2
		(2) Paralytic ileus without stated cause ...	...	2	2	4	...	...	...	...	1	...	...	...	9
		(3) Other or Unspecified forms of Intestinal obstruction ...	...	...	...	...	1	...	...	...	...	...	...	...	1
	123	Other Diseases of the intestines ...	2	6	1	3	5	6	3	1	2	6	2	1	38
	124	Cirrhosis of Liver ...	14	18	19	12	8	10	11	10	14	23	15	13	167
27	125A	Acute yellow atrophy (not associated with pregnancy) ...	...	...	1	...	...	2	...	2	1	2	1	2	11
	125B	Other Diseases of the Liver ...	8	12	8	10	5	3	14	10	11	12	9	13	115
	126	Biliary Calculi ...	...	...	...	...	...	...	...	...	...	...	1	...	1
	127	Other Diseases of the Gall Bladder and Bile Ducts ...	3	1	...	1	...	2	1	...	2	...	2	2	14
	128	Diseases of the Pancreas (other than diabetes)	...	...	...	1	...	...	...	...	...	2	...	...	3
	129	Peritonitis without stated cause ...	5	6	12	8	8	5	14	5	7	13	9	4	96
		X.—Diseases of the Urinary and Genital System.													
		(Not Venereal or connected with Pregnancy or the Puerperium)													
	130	Acute Nephritis ...	2	5	3	5	4	5	2	5	8	8	4	4	55
28	131	Chronic Nephritis ...	2	4	3	6	...	2	...	2	2	2	3	2	28
	132	Nephritis not stated to be Acute or Chronic...	23	10	15	10	20	16	15	13	13	8	11	18	172
	133	Other Diseases of the Kidney and Ureters ...	2	2	1	2	5	4	2	3	2	6	3	2	34
	134	Calculi of the Urinary Passages ...	...	...	...	...	...	...	...	1	1	3	1	...	6
	135A	Cystitis ...	2	...	...	...	1	...	...	...	...	...	...	1	4
	135B	Other Diseases of the Bladder ...	1	1	...	2	1	...	...	1	1	1	...	...	8
36	136B	Other Diseases of the Urethra, etc. ...	1	...	1	1	...	...	1	2	...	...	...	2	8
	137	Diseases of the Prostate ...	...	...	...	...	1	...	1	1	...	3	1	3	10
	138	Diseases of other male genital organs ...	...	...	...	...	...	1	...	1	...	1	3	1	7
	139	Diseases of female genital organs—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Diseases of the ovary, fallopian tube and Parametria ...	1	...	...	1	...	...	...	2	...	...	1	...	5
		(*b*) Diseases of Uterus ...	...	...	...	1	...	...	...	...	...	...	...	...	1
		(*c*) Diseases of the breast ...	...	...	...	...	1	...	...	...	1	...	...	...	2
		(*d*) Other Diseases of the female genital organs ...	...	...	...	...	...	...	1	...	1	...	...	...	2
		XI.—Diseases of Pregnancy, Child-Birth and the Puerperal State.													
	140	Post-abortive Sepsis ...	...	1	...	...	1	2	...	1	1	...	...	1	7
	141	Abortion without mention of septic conditions	1	...	...	...	...	...	...	...	...	...	...	...	1
30	142	Ectopic Gestation ...	...	...	...	1	...	...	1	1	...	...	1	...	4
	143	Haemorrhage of Pregnancy ...	2	2	...	...	...	...	...	...	1	1	2	1	9
	144	Toxaemia of Pregnancy ...	1	1	2	1	...	1	3	2	2	1	...	3	17

Table No. 12—Contd.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943—*Contd.*

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total
		XI.—Diseases of Pregnancy, child-birth and the Puerperal State.—Contd.													
30	145	Other Diseases and Accidents of Pregnancy...	...	...	...	1	...	...	...	...	...	...	...	...	1
	146	Haemorrhage of child-birth and Puerperium-	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Placenta Praevia (with child-birth) ...	...	...	1	1	...	...	...	...	...	1	...	...	3
		(*b*) Premature Separation of Placenta (with child-birth) ...	...	...	...	...	1	...	...	...	...	...	...	...	1
		(*d*) Other Haemorrhages after child birth	2	...	...	1	1	...	1	1	6	8	1	2	23
29	147	Infection during child birth and the Puerperium ...	4	1	...	3	...	5	2	1	4	2	14	2	38
30	148	Puerperal Toxaemia—	...	...	...	...	...	...	1	...	...	...	...	...	1
		(*a*) Puerperal eclampsia ...	1	...	...	1	1	...	...	...	...	2	...	...	5
		(*b*) Puerperal Albuminnria and Nephritis	1	...	...	...	...	...	...	...	...	...	...	...	1
		(c) Acute yellow atrophy of liver (Post-Partum) ...	...	1	...	...	...	1	...	...	1	...	...	...	3
	149	Other accidents of child birth ...	1	...	...	5	1	3	2	3	2	2	3	2	24
	150	Other or Unspecified conditions of child birth and Puerperal state ...	1	...	2	...	...	...	...	...	1	...	...	2	6
		XII.—Diseases of the Skin and Cellular Tissue													
36	151	Carbuncle, Boils ...	...	...	1	...	...	2	...	3	...	1	...	1	8
	152	Cellulitis, Acute Abscess ...	3	1	1	2	4	3	1	1	...	4	5	3	28
	153	Other Diseases of the Skin and Cellular Tissues ...	1	...	1	1	...	2	1	1	3	1	3	1	15
		XIII.—Diseases of the Bones and Organs of Movements													
	154	Ostemyelitis and Periostitis ...	1	1	1	...	...	1	1	1	...	...	1	1	8
	155	Other diseases of the bones ...	1	...	1	...	...	...	...	...	...	...	...	...	2
	156	Diseases of the joints and other organs of movements ...	...	2	1	...	...	1	2	...	...	...	...	...	6
		XIV.—Congenital Malformation													
32	157	Congenital Malformations ...	4	3	3	5	2	3	3	10	4	5	4	4	50
		XV.—Diseases peculiar to the First Year of Life													
32	158	Congenital Debility ...	164	160	166	145	188	234	247	256	313	337	279	286	2,775
31	159	Premature Birth ...	78	50	80	74	76	89	107	101	98	115	131	108	1,107
32	160	Injury at Birth ...	2	6	2	5	3	8	4	6	7	8	2	7	60
	161	Other diseases peculiar to the first year of life—													
		(*a*) Asphyxia during or after birth, Atelectasis.	9	4	10	7	12	7	5	12	13	11	17	15	122
		(*b*) Intoxication due to maternal toxaemia, Antenatal toxaemia.	...	...	...	...	...	...	...	...	1	...	...	...	1
		(*c*) Infections of the New born ...	...	...	...	...	...	...	1	1	...	...	...	...	2
		(1) Infections of the Umbilicus ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(2) Pemphygus neonatorum ...	...	...	...	...	...	...	...	...	...	...	...	1	1
		(*d*) Other specified diseases included under 161.	...	2	3	2	5	5	5	5	4	8	3	6	48
		XVI.—Senility, Old age													
L	162A	Old age ...	15	23	19	15	10	8	17	11	12	20	17	19	186
	162C	Senility without mention of senile dementia...	242	182	177	199	172	183	215	184	193	213	206	273	2,439
		XVII.—Deaths from Violence Suicide (163-164)													
33	163	Suicide by Poisoning ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Suicide by solid or liquid toxic or corrosive substances.			1	...	...	1	2	...	1	...	1	...	6
		(1) By Corrosive substances ...	...	...	...	...	1	1	...	...	...	...	...	1	3
		(2) By analgesic and narcotic drugs ...	1	...	2	1	2	2	3	4	4	6	1	5	31
		(4) By other solid or liquid poisons ...	2	1	...	...	1	...	...	...	...	...	...	...	4
		(*b*) Suicide by poisonous gas ...	...	...	...	1	...	...	...	...	...	...	...	...	1
	164	Other forms of suicide—	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Suicide by hanging or strangulation ...	...	1	2	...	3	1	1	1	5	...	...	...	14
		(*b*) Suicide by drowning ...	...	...	...	...	...	1	...	2	...	...	...	...	3
		(*c*) Suicide by fire arms and explosives ...	1	...	1	...	1	...	1	...	...	1	...	...	5
		(*d*) Suicide by cutting or piercing instruments.	1	...	1	1	...	...	1	...	...	...	...	...	4
		(*e*) Suicide by Jumping from high places..	...	1	...	1	...	...	...	...	...	1	...	1	4
		(1) Suicide on railways ...	...	1	...	1	1	2	...	...	...	3	...	1	9
		(2) Other suicide by crushing, suicide by jumping before vehicles other than trains ...	...	...	...	...	...	...	...	...	...	...	2	...	2
		(*g*) Suicide by other or Unspecified means.	...	1	1	1	...	1	...	...	1	...	1	3	9

Table No. 12—Concld.

TABLE OF DEATHS BY CAUSES AND MONTHS IN 1943—*Concld.*

Classification No. Short List.	Classification No. Detailed List.	Specific Causes of Death.	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Total.
		Homicide (165-168)													
	165	Infanticide (Infants under 1 year) ...	2	...	...	...	1	1	2	1	...	...	2	...	9
	166	Homicide by Firearms ...	...	...	...	...	...	...	...	...	...	...	...	1	1
	167	Homicide by cutting or piercing instruments.	2	1	7	3	7	2	5	9	4	8	2	2	52
35	168	Homicide by other or Unspecified means ...	1	4	1	5	2	5	2	3	1	...	...	5	29
		Accidental Deaths (or deaths not known to be due to suicide or Homicide (169-195), and other violent deaths (196-198). ...	...	...	...	...	...	...	...	...	...	...	...	...	...
	169	Railway accidents (any cause of death except war.) ...	6	6	10	6	9	8	9	8	8	11	9	10	100
	170	Motor Vehicle Accidents (any cause of death except war.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...
34		(*b*) Collisions with tram ...	1	...	...	...	2	2	...	...	...	1	...	1	7
		(*c*) Other accidents included under 170 ...	6	9	13	7	4	6	7	6	5	10	14	11	98
	171	Other Road Transport Accidents (any cuse of death except war). ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Tramway accidents on roads ...	3	1	1	...	1	2	2	1	4	3	...	...	18
		(*b*) Other accidents included under 171 ...	1	...	...	...	1	1	...	4	2	1	...	1	11
	173	Air Transport Accidents (any cause of death except war.) ...	...	...	...	...	...	...	2	3	...	...	...	...	5
	174	Aaccidents in mines and quarries (any cause of death except war.) ...	...	...	...	...	...	...	...	...	...	1	...	...	1
	176	Accidents caused by Machinery (any cause of death). ...	1	...	1	2	...	...	1	...	...	...	...	...	5
	177	Food poisoning ...	...	...	...	...	2	1	...	...	...	...	...	...	3
	178	Accidental Absorption of Poisonous gas—													
		(*d*) Accidental absorption of any other irrespirable or poisonous gas included in 178. ...	1	1	...	...	...	...	...	...	...	1	...	1	4
	179	Other acute Accidental poisoning (not by gas)	...	...	1	2	1	...	...	...	...	...	...	...	4
		(*a*) Salvarsan and other organic preparations of arsenic ...	...	...	...	...	...	...	...	...	...	...	2	...	2
		(*b*) Other acute accidental poisoning not by gas included in 179. ...	1	...	...	...	1	...	...	...	4	...	...	...	6
	181	Accidental Burns (conflagration excepted) ...	11	18	15	9	12	6	5	9	8	14	14	16	137
	182	Accidental Mechanical Suffocation ...	1	...	1	...	...	...	...	1	...	...	...	...	3
	183	Accidental drowning ...	2	3	9	5	7	6	4	6	1	5	6	3	57
35	184	Accidental Injury by Firearms ...	...	...	...	1	1	...	...	2	...	...	...	2	6
	186	Accidental Injury by fall, crushing, land slides, etc. ...	13	9	8	13	6	15	16	21	15	12	23	17	168
	189	Hunger or Thirst ...	...	...	3	...	2	...	1	1	1	1	...	...	9
	191	Excessive Heat ...	...	...	1	...	1	1	...	...	...	1	...	...	4
	193	Other Accidents due to Electric Currents ...	...	...	...	1	...	...	2	2	1	...	...	1	7
	194	Attack by Venomous Animals—													
		(*a*) Hydrophobia ...	1	...	1	...	1	1	1	4	...	2	...	...	11
		(*b*) Snake Bites ...	...	...	...	...	...	1	1	1	1	...	1	1	6
		(*c*) Attack by Venomous animals included in 194 ...	...	...	...	...	...	...	2	...	...	...	...	...	2
	195	Other Accidents—													
		(*c*) Lack of care of the New born ...	...	...	1	5	9	13	11	3	...	...	...	...	42
		(*d*) Other and Unspecified accidents under 195.	12	14	15	18	5	6	5	12	12	20	19	21	159
		XVIII.—Ill-Defined causes of Deaths.													
36	199	Sudden Death ...	...	...	...	...	...	1	...	...	...	...	...	...	1
36	200	Causes of Death unstated or Ill-defined ...	...	...	...	...	...	...	...	...	...	...	...	...	...
		(*a*) Ill-defined Causes—													
		(1) Heart failure ...	58	39	36	57	41	32	50	54	44	40	51	59	561
		(2) Fever not defined ...	10	11	12	21	21	25	20	20	13	22	33	23	231
		(3) Other ill-defined causes ...	21	29	28	20	16	36	32	30	33	44	19	33	341
		(*b*) Found, dead, Cause unknown ...	...	...	...	...	1	...	...	1	1	...	...	...	3
		(*c*) Other deaths from Unknown or Unspecified cause ...	2	3	4	5	9	3	3	2	1	2	5	2	41

Table No. 13.

DEATHS AMONG INFANTS BY CAUSES, MONTHS AND AGES IN 1943.

Cause of Deaths.	Total.	Months.												Ages.			
		Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Under 1 week.	1 to 4 weeks.	4 weeks to 6 months.	6 to 12 months.
38a Malaria ...	6	...	1	2	...	...	1	...	1	...	...	...	1	...	...	4	2
38b Ague and Remittent Fever ...	27	2	4	3	5	1	3	4	2	1	2	...	...	...	...	4	23
6 Small-pox ...	67	...	2	4	9	11	8	7	...	7	7	1	11	...	3	29	35
7 Measles ...	59	1	1	1	6	9	9	6	3	4	5	5	9	...	2	16	41
8 Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9 Whooping Cough ...	6	2	1	...	...	...	3	...	...	...	...	...	...	...	...	3	3
10 Diphtheria ...	13	...	...	1	1	2	...	...	...	1	3	3	2	...	...	5	8
11 Influenza ...	16	1	...	1	2	...	1	4	1	1	...	4	1	...	3	6	7
12 Cholera ...	1	...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1
13 Dysentery ...	53	1	2	6	7	3	10	3	9	4	1	2	5	2	3	18	30
14 Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18 Cerebro-Spinal Fever	2	...	...	...	...	...	...	2	...	...	...	...	...	...	...	1	1
23 Tuberculosis of Respiratory system ...	6	...	...	...	2	...	1	...	...	2	1	...	...	...	...	1	5
24-32 Other Tuberculosis Diseases ...	52	4	1	4	6	8	4	3	2	7	4	6	3	...	...	9	43
34 Syphilis ...	19	2	2	...	1	1	3	1	...	2	1	4	2	1	2	11	5
63 Rickets ...	120	2	2	8	15	19	16	11	13	13	8	7	6	3	5	33	79
86a Convulsions ...	319	30	23	19	22	31	31	37	19	27	24	29	27	95	39	120	65
106 Bronchitis ...	36	3	2	5	2	2	3	4	3	3	1	2	6	2	3	11	20
107-109 Pneumonia (all forms) ...	2,798	162	154	218	243	270	302	346	218	193	217	222	253	33	54	993	1,718
104, 105, 110-114 Other Respiratory Diseases	23	1	...	1	2	2	2	1	2	2	7	1	2	3	2	4	14
118-1 Gastritis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
119-120 Diarrhoea and Enteritis ...	508	24	16	28	34	46	70	89	72	32	30	35	32	14	70	224	200
157 Congenital Malformation, Injury at Birth ...	3,019	176	173	178	162	208	257	264	281	336	367	297	320	1005	992	756	266
159 Premature-Birth ...	1,107	78	50	80	74	76	89	107	101	98	115	131	108	958	137	11	1
161a Atelectasis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
200-2b Suffocation Over-Lying ...	...	...	...	...	...	...	—	...	...	...	...	...	...	...	...	...	...
200-2a G Fever not defined	37	3	2	2	4	3	4	4	4	4	4	2	1	2	6	17	12
Other Causes ...	396	32	19	27	27	29	31	42	44	24	29	37	55	61	68	107	160
Total ...	**8,690**	**524**	**455**	**588**	**624**	**721**	**848**	**935**	**775**	**762**	**826**	**788**	**844**	**2,179**	**1,389**	**2,383**	**2,739**

Table No. 14.

TABLE SHOWING BY RACE THE RATE OF MORTALITY PER 1,000 OF POPULATION FROM DIFFERENT CAUSES OF DEATHS IN 1943.

Race and Caste.	Small-pox.	Measles.	Plague	Scarlet fever.	Kala-Azar.	Enteric fever.	Malaria.	Ague and Remittent fever.	Relapsing fever.	Influenza.	Cholera.	Diarrhoea and Enteritis.	Dysentery.	Tuberculosis.	Respiratory diseases.	Accidents.	All other causes.	Total
Hindus (scheduled class) ...	.6	.9	...	...	...	.2	.1	1.8	...	...	...	1.8	.4	.9	22.2	.5	21.6	51.1
Hindus of all other Castes ...	.4	.2	...	...	...	.5	.1	.5	...	...	..	.7	.3	1.2	6.3	.6	9.1	19.7
Hindus all Castes ...	.4	.3	...	...	...	.4	.1	.6	...	...	...	.9	.3	1.2	8.1	.6	10.5	23.3
Mussalmans ...	.3	...	...	...	...	.2	.1	.5	...	...	...	.7	.2	1.8	7.7	.7	11.9	24.2
Parsees ...	...	...	...	...	...	.4	...	...	...	...	...	.8	.2	.7	1.9	.2	11.1	15.6
Jews ...	...	...	...	...	...	.5	.2	.2	...	.1	...	.8	.6	.9	3.2	.5	13.6	20.5
Christians ...	.3	...	...	...	...	1.0	.1	.1	...	.1	...	2.4	.4	2.4	5.0	.8	10.9	23.6
Anglo-Indians ...	...	...	...	...	...	.8	...	.1	...	...	...	1.1	.1	1.1	2.2	.2	5.9	11.8
Europeans ...	.4	.2	...	...	...	.8	.5	...	...	...	...	.4	.4	.8	1.3	2.7	8.5	16.1
Budhists ...	...	...	...	...	...	2.1	...	1.1	...	...	...	2.1	2.1	13.2	18.6	5.4	26.3	72.4
Other and unknown Castes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	.6	1.8	1.1	3.6
Total ...	.3	.2	...	...	...	.4	.1	.5	...	...	...	.9	.3	1.3	7.5	.6	9.6	22.9

Table No. 15.

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1943.

No. in Short List.	Corresponding No. in detailed List.	Causes of deaths.	Under 7 days.		1 to 4 weeks.		4 weeks to 6 months.		6 to 12 months.		1 and 2 years.		2 to 5 years.		5 to 10 years.		10 to 15 years.		15 to 20 years.	
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
1	1-2	Typhoid and Para Typhoid Fever ...	...	...	...	...	1	...	2	...	2	1	7	7	21	11	50	23	63	30
2	6	Cerebro Spinal Fever ...	...	...	...	...	1	...	1	...	...	...	3	2	4	2	1	5	4	3
3	8	Scarlet Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	9	Whooping Cough ...	...	...	...	...	2	1	2	1	1	1	2	3	...	1	...	...	...	...
5	10	Diphtheria ...	...	...	...	...	3	2	6	2	12	7	9	7	4	4	...	...	...	...
6	13	Tuberculosis of Respiratory System ...	...	...	...	...	...	1	2	3	4	4	6	9	11	7	4	14	37	58
7	14-22	Other forms of Tuberculosis ...	...	...	...	...	5	4	20	23	28	14	33	26	18	12	8	11	7	17
8	30	Syphilitic disease ...	1	...	1	1	6	5	2	3	1	...	...	1	...	...	...	...	...	...
9	33	Influenza ...	...	...	...	3	2	4	1	6	1	1	1	4	1	1	1	1	1	...
10	35	Measles ...	...	...	1	1	10	6	22	19	46	48	63	47	11	8	2	4	1	...
11	36	Acute Poliomyelitis and Polioencephalitis ...	...	...	...	...	1	...	...	...	1	2	2	1	2	...	1	...	1	...
12	37	Acute infectious encephalitis ...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	...	1
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males.) ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13F	48	Cancer of Uterus ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	46B	Cancer of Stomach and duodenum ...	...	...	...	...	1	...	...	...	...	...	...	...	...	...	...	...	...	...
15	50	Cancer of breast ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	45-46A females 46 c-h,47,49,51,55	Cancer of all other Sites ...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	2	2	2	...
17	61	Diabetes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...
18	83	Intra cranial Vascular Lesions ...	1	2	...	1	...	2	...	...	1	...	...	3	1	...	2	1	2	2
19	90-95	Heart disease ...	1	...	...	...	1	...	...	...	...	...	...	...	3	1	5	1	...	...
20	96-103	Other diseases of Circulatory system ...	...	2	...	1	...	...	1	...	2	...	1	2	...	3	2	...	1	1
21	106	Bronchitis ...	1	1	2	1	8	3	7	13	22	24	14	25	4	3	...	4	4	2
22	107-109	Pneumonia ...	18	15	22	32	528	465	847	871	912	992	680	716	207	237	93	98	89	82
23	104,105,110-114	Other Respiratory diseases ...	3	...	1	1	1	3	6	8	3	8	7	6	4	7	4	3	6	7
24	117	Ulceration of the Stomach or duodenum ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...
25	119,120	Diarrhoea ...	8	6	35	35	119	105	112	88	99	95	77	94	19	10	3	7	9	6
26	121	Appendicitis ...	...	...	...	...	...	...	...	...	...	...	2	...	...	...	2	1	2	...
27	115,116,118,122-129	Other digestive diseases ...	4	4	9	9	9	6	11	6	18	21	33	31	11	19	8	6	11	4
28	130-132	Nephritis ...	...	...	...	...	2	...	1	...	1	2	5	6	6	8	5	3	2	2
29	140-147	Puerperal and Post Abortives Sepsis ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
30	141-146,148-150	Other Maternal Causes ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4
31	159	Premature birth ...	539	419	65	72	5	6	...	1	...	...	...	...	...	...	...	...	...	...
32	157,158,160,161	Congenital Malformation, injury at birth ...	587	418	514	478	366	390	130	136	20	13	5	3	...	...	...	...	...	...
33	163-164	Suicide ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	1
34	170-171	Road Traffic Accidents ...	...	...	...	...	...	...	...	...	...	1	1	...	12	7	9	2	5	1
35	165-169,172-198	Other Violent Causes ...	7	8	2	2	...	...	2	1	5	9	33	13	30	21	17	9	29	29
36 Other defined diseases.	34	A. Small pox ...	...	...	1	2	13	16	17	18	18	29	32	38	22	22	15	6	35	22
	3	B. Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	29a	C. Kala Azar ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...
	28a	D. Malaria ...	...	...	...	...	2	2	...	2	3	1	5	2	4	5	4	[illegible]	6	1
	28b	E. Ague and Remittent Fever ...	...	...	...	...	...	4	11	12	18	22	40	45	35	32	13	23	22	20
	31	F. Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	200-2a	G. Fever not defined ...	1	1	3	3	10	7	3	9	11	8	8	9	8	8	3	4	11	7
	4	H. Cholera ...	...	...	...	...	...	...	...	1	...	...	...	...	...	...	1	...	...	...
	27	J. Dysentery ...	2	...	1	2	11	7	19	11	38	31	29	32	13	15	3	2	3	6
	23	K. Leprosy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...
	162	L. Senility and Old Age ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		M. All other causes ...	86	44	62	26	131	106	139	141	311	315	317	371	84	98	50	80	63	146
		All ages — Males ...	1,259		719		1,238		1,364		1,578		1,415		536		310		419	
		All ages — Females ...		920		670		1,145		1,375		1,649		1,504		543		313		458
			2,179		1,389		2,383		2,739		3,227		2,919		1,079		623		877	
			25·4								18·0				3·2		1·8		2.6	

TABLE OF DEATHS BY AGES, SEXES AND CAUSES IN 1943—*concld.*

No. in Short List.	Corresponding No. in detailed List.	Causes of deaths.	20 to 30 years.		30 to 40 years.		40 to 50 years.		50 to 60 years.		60 and over.		Age unspecified.		Total		Persons	No. in Short List.
			Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.		
1	1-2	Typhoid and Para Typhoid Fever ...	171	53	64	17	24	4	8	1	5	2	...	...	418	149	567	1
2	6	Cerebro-Spinal Fever ...	20	10	11	1	1	3	4	...	2	...	...	...	52	26	78	2
3	8	Scarlet Fever ...	...	...	...	...	...	...	...	...	...	1	...	...	...	1	1	3
4	9	Whooping Cough ...	...	...	...	...	...	...	...	...	...	...	...	...	7	7	14	4
5	10	Diphtheria ...	2	1	...	...	...	...	...	...	...	...	...	...	36	23	59	5
6	13	Tuberculosis of Respiratory System ...	253	211	254	143	215	51	112	33	61	17	...	...	959	551	1510	6
7	14-22	Other forms of Tuberculosis ...	24	59	29	40	21	8	16	7	6	4	...	...	215	225	440	7
8	30	Syphilitic disease ...	5	3	16	1	16	...	7	...	2	...	...	...	57	14	71	8
9	33	Influenza ...	4	6	3	1	1	...	2	2	3	3	...	...	21	32	53	9
10	35	Measles ...	4	2	3	2	2	...	1		...	...	...	...	166	137	303	10
11	36	Acute Poliomyelitits and Polioencephalitis ...	1	...	2	...	1	...	...	...	...	...	...	...	12	3	15	11
12	37	Acute infections encephalitis ..	...	...	1	...	...	...	...	...	...	...	...	...	2	1	3	12
13M	45-46A	Cancer of buccal cavity and Oesophagus (Males) ...	2	...	11	...	18	...	18	...	14	...	...	...	63	...	63	13M
13F	48	Cancer of Uterus ...	...	...	...	5	...	6	...	7	...	2	...	...	...	20	20	13F
14	46B	Cancer of Stomach and duodenum ...	...	...	3	1	6	3	17	3	12	5	...	...	39	12	51	14
15	50	Cancer of breast ...	...	...	...	5	...	6	...	7	...	11	...	...	...	29	29	15
16	45-46A females 46-c-h, 47,49,51,55	Cancer of all other Sites ...	12	7	19	8	26	18	41	12	60	29	...	...	162	78	240	16
17	61	Diabetes ...	4	...	4	1	10	8	22	15	23	17	...	...	64	42	106	17
18	83	Intra cranial Vascular Lesions ...	14	5	17	9	48	7	66	24	86	58	...	...	238	114	352	18
19	90-95	Heart disease ...	22	18	54	19	103	14	98	20	101	51	...	...	388	129	517	19
20	96-103	Other diseases of Circulatory system ...	8	2	11	2	20	10	15	6	32	14	...	...	93	43	136	20
21	106	Bronchitis ...	19	16	33	22	77	16	71	8	60	28	...	...	322	186	508	21
22	107-109	Pneumonia ...	406	238	408	162	307	97	265	28	209	114	...	1	5,002	4198	9200	22
23	104,105,110,114	Other Respiratory Diseases ...	50	34	107	52	175	71	250	186	328	170	...	...	945	486	1431	23
24	117	Ulceration of the Stomach or duodenum ...	4	1	13	1	16	1	6	1	1	...	...	...	40	4	44	24
25	119-120	Diarrhoea ...	39	24	61	32	49	16	46	15	60	50	...	...	736	583	1319	25
26	121	Appendicitis ...	7	2	14	5	6	1	3	...	1	...	...	...	37	10	47	26
27	115,116,118,122-129	Other digestive diseases ...	47	35	59	26	76	13	47	1	27	25	...	...	370	211	581	27
28	130-132	Nephritis ...	12	8	21	12	20	7	26	6	57	33	...	...	158	97	255	28
29	140-147	Puerperal and Post Abortive Sepsis ...	...	26	...	14	...	4	...	16	...	...	...	...	...	45	45	29
30	141-146,148-150	Other Maternal Causes ...	...	52	...	38	...	5	...	...	...	...	...	...	...	99	99	30
31	159	Premature birth ...	...	...	...	...	...	...	...	...	...	...	...	...	609	498	1107	31
32	157,158,160,161	Congenital Malformation, injury at birth ...	...	...	...	...	...	...	...	...	...	...	...	...	1612	1448	3060	32
33	163-164	Suicide ...	28	10	25	6	8	1	10	...	3	1	...	...	76	19	95	33
34	170-171	Road Traffic Accident ...	27	1	21	5	13	5	5	3	7	8	...	1	100	34	134	34
35	165-169,172-198	Other Violent causes ...	193	56	136	22	78	17	36	10	41	26	...	...	609	223	832	35
36 (Other defined Disease.)	34	(*A*) Small-pox ...	89	48	40	17	7	6	1	1	3	1	...	...	293	226	519	A
	3	(*B*) Plague ...	2	...	...	...	...	...	...	...	...	...	...	...	2	...	2	B
	29	(*C*) Kala-Azar ...	...	...	...	...	1	...	...	...	...	...	...	...	2	...	2	C
	28*a*	(*D*) Malaria ...	43	11	29	6	11	1	9	1	4	1	...	...	120	34	154	D
	28*b*	(*E*) Ague and Remittent Fever ...	84	64	89	52	80	31	62	17	13	8	...	...	467	330	797	E
	31	(*F*) Relapsing Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	F
	200 : 2*a*	(*G*) Fever not defined ...	35	11	15	10	17	3	14	...	6	6	...	...	145	86	231	G
	4	(*H*) Cholera ...	...	1	2	1	2	...	...	...	1	...	...	...	6	3	9	H
	27	(*J*) Dysentery ...	32	10	21	12	31	17	34	12	31	10	...	...	268	157	425	J
	23	(*K*) Leprosy ...	10	2	24	4	18	5	14	4	11	5	...	...	78	20	98	K
	162	(*L*) Senility & old age ...	...	...	2	1	6	6	109	81	1,159	1,261	...	...	1276	1349	2625	L
		(*M*) All other causes ...	319	584	383	489	398	282	283	174	276	160	...	...	2902	3016	5918	M
		All ages ... Males ...	1,992		2,005		1,908		1,719		2,705		...		19,167		34,165	
		All ages ... Females ...		1,611		1,244		733		710		2,121		2		14,998		
			3,603		3,249		2,641		2,429		4,826		2		...		34,165	
			10.6		9.5		7.7		7.1		14.1		...		...		100	

Table No. 16.

SUMMARY OF SANITARY INSPECTIONS MADE AND SANITARY IMPROVEMENTS SECURED BY THE S. M. I's, J. M. I's AND MEDICAL ASSISTANTS IN 1943.

	No. of Inspections, etc., by	
	S. M. I's and J. M. I's.	Medical Assistants.
A—Nature of Inspection or premises visited—		
1. Dwelling Houses ...	5,971	18,297
2. Milch Cattle Stables ...	1,631	3,773
3. Other Stables ...	1,010	2,617
4. Dairies and Milkshops ...	3,256	3,846
5. Eating Houses ...	6,084	13,035
6. Other premises where food is sold ...	8	...
7. Aerated Water Works ...	4,976	4,182
8. Other Workshops and Factories ...	205	320
9. Accumulations of Refuse ...	4,726	11,190
10 Building Works ...	1,162	2,780
11. Drains and Fittings ...	...	...
12. Other Inspections and Inquiries ...	3,283	11,119
13. Markets	10,482	26,929
Total No. of Inspections ...	42,794	98,088
B—Works, etc., completed—		
1. Dwellings—		
(a) Limewashed ...	692	1,669
(b) Water supply provided ...	3	8
(c) Overcrowding abated ...	1	9
(d) Insanitary dwellings evacuated ...	113	65
2. Stables—		
(a) Paved and drained ...	3	50
(b) Cleaned and refuse removed ...	52	59
(c) Licence cancelled ...	...	...
3. Eating Houses, Dairies, etc.—		
(a) Regulations enforced ...	455	1,016
(b) Licences cancelled ...	...	...
4. Factories and Workshops— Limewashing, etc., carried out ...	23	64
5. Drains, etc., repaired ...	1,281	2,861
6. Privies abolished ...	6	9
7. New W. Cs. provided ...	7	20
8. Accumulation of Refuse removed ...	366	784
9. Other Works completed ...	740	1,908
Total Sanitary Work completed ...	3,742	8,522

Table No. 17.

METEOROLOGICAL DATA (GOVERNMENT OBSERVATORY, COLABA), LATITUDE 18°-53′-36″ NORTH LONGITUDE 72°-48′-56″ EAST.

Months.	Wind.	Temperature.							Humidity at 8 Hours.		Rainfall.						
	Direction.	Mean Velocity in Miles per hour.	Mean Maximum Temperature.	Departure from Normal.	Highest in month.	Mean Minimum Temperature.	Departure from Normal.	Lowest in month.	Mean.	Departure from Normal.	Total rainfall in the month.	Departure from Normal.	Heaviest fall in one day. Inches.	Heaviest fall in one day. Date.	Minimum fall in one day. Inches.	Minimum fall in one day. Date.	Number of rainy days.
			°	°	°	°	°	°	%	%	"	"					
1943.																	
January ...	...	...	82.4	−0.2	92.6	65.4	−1.0	61.0	...	...	0.28	+0.19	0.28	29th	0.28	29th	1
February ...	...	...	87.9	+5.1	95.8	67.9	+0.9	61.8	...	...	...	...	...	...	...	...	...
March ...	...	...	88.5	+2.8	92.2	73.8	+2.2	68.9	...	...	...	...	...	...	...	...	...
April ...	...	...	90.1	+1.7	94.1	77.0	+1.2	74.5	...	...	...	...	...	...	...	...	...
May ...	...	...	91.5	+0.8	94.4	79.7	+0.5	74.3	...	...	6.02	+5.34	3.27	31st	0.07	22nd	7
June ...	...	...	87.3	−0.9	90.2	77.8	−0.5	74.4	...	...	30.19	+11.51	8.01	19th	0.07	24th	18
July ...	...	...	84.6	−0.6	88.0	76.0	−0.3	73.5	...	...	29.62	+5.67	5.99	10th	0.01	14th	30
August ...	...	...	85.3	+0.5	88.3	76.6	+0.9	71.2	...	...	3.28	−9.93	0.50	1st	0.01	22nd	26
September ...	...	...	85.2	+0.2	87.8	75.5	+0.2	73.5	...	...	8.15	−2.14	1.74	2nd	0.01	27th	25
October ...	...	...	89.7	+1.1	94.7	75.4	+0.2	72.3	...	...	3.77	+1.71	1.16	5th	0.04	9th	8
November ...	...	...	90.5	+1.5	95.7	74.6	+2.6	70.8	...	...	0.04	−0.35	0.04	16th	0.04	16th	1
December ...	...	...	89.3	+2.9	92.2	69.4	+0.9	63.5	...	...	...	−0.05	...	...	...	...	...

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